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# SHENANDOAH VALLEY SEED *News* 1950

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**WETSEL SEED CO.** • Dependable Seeds Since 1911 • **HARRISONBURG, VA.**





Founder

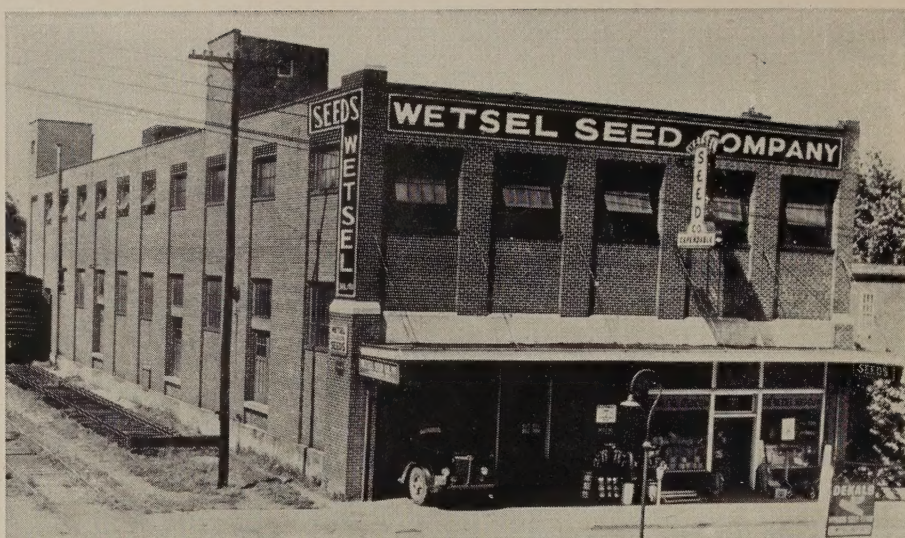
## Entering Our 40th Year With Expanded Vigor and Facilities

It is significant, we think, that as we enter our 40th year of commercial distribution of seeds (this business had its inception in 1902—48 years ago—when D. M. Wetzel, Sr., embarked on a career of growing pure-bred seed corn), our facilities for cleaning, storing and handling of seeds should be materially expanded. This fact alone reflects a continuing determination to furnish our customers with the highest quality of seeds and allied merchandise with the greatest possible promptness and efficiency.

Often when a business grows “old” it begins first to drift and eventually to start down grade. We are still growing.

To the right is shown a large building that we acquired a few months ago. Known as our Gay Street Warehouse, it contains approximately  $1\frac{1}{4}$  acres of floor space. As will be observed, it is one of the largest buildings of its kind in the Shenandoah Valley and adjacent territory.

This building will soon house our entire field seed department, where practically all grass seeds and grains will be processed and stored. New and modern cleaning mills, ele-



West Market Street Store, Office, Warehouse, looking north, on U.S. Route 33,  $\frac{1}{2}$  block from intersection of Route 11. Three floors visible from east side.



Gay Street Warehouse, looking west. U.S. Route 11 (primarily for trucks) in foreground. View taken from a plane.

vators and conveyors have already been installed. This equipment will virtually double our facilities for cleaning and handling farm crops.

The building on West Market Street, shown above, which we have occupied since it was erected in 1935, will continue to house garden seeds, nursery stock and all allied lines, both wholesale and retail.

All cleaning machinery will, in due time, be moved from this building to the Gay Street Warehouse, where laboratory facilities will be provided for testing the moisture, purity and germination of all seeds.

## WE DO NOT PAY POSTAGE

When making out your order, please bear in mind that the prices quoted in this catalogue do not include postage, except where specifically marked “Postpaid.” These postpaid prices apply only to small seeds (garden and flower) sold by the packet, ounce, quarter-pound and pound. They do not include bulky items such as beans, peas and sweet corn in the seed line, nor manufactured goods.

For all items not marked postpaid—up to the third zone—include postage, as follows:

For 1 pound.....	\$0 15	For 4 pounds.....	\$0 27
For 2 pounds.....	20	For 5 pounds.....	30
For 3 pounds.....	24		

For each additional pound add 2 cts.

**WARRANTY CLAUSE:** The Wetzel Seed Co., Inc., warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, expressed or implied.



# Vegetables Illustrated on Front Cover



## BEANS—PEAS—SWEET CORN

Add Postage: 1 lb. 15 cts.; 2 lbs. 20 cts.; 5 lbs. 30 cts.

	Lb.	2 lbs.	5 lbs.
Baby Fordhook Lima.....	\$0 40	\$0 75	\$1 75
Davis White Wax Beans.....	40	75	1 75
Topcrop Stringless Bean.....			
(1950, All-America).....	60	1 15	2 75
Laxton's Superb Pea.....	35	65	1 55
Goldengrain Hybrid Corn.....	60	1 15	2 75

## MISCELLANEOUS SMALL SEEDS Postpaid

	Pkt.	Oz.	1/4lb.	Lb.
Crimson Globe Beet.....	\$0 10	\$0 15	\$0 45	\$1 40
Imperator Carrot.....	10	20	60	1 60
A & C Cucumber.....	10	25	65	1 95
Black Beauty Eggplant.....	10	45	1 60	6 00
Great Lakes Lettuce.....	10	40	1 40	5 00
Perkins Mammoth Okra.....	10	15	40	1 25
Sweet Spanish Onion.....	10	40	1 35	4 00
White Bermuda Onion.....	10	40	1 35	4 00
Ruby King Pepper.....	10	50	1 75	6 00
Saxa or Cavalier Radish.....	10	15	30	90
White Bush or Patty Pan Squash....	10	15	45	1 50
Golden Summer Crookneck Squash....	10	15	45	1 50
Giant Summer Straightneck Squash....	10	15	45	1 50
Hubbard Squash (Green).....	10	20	65	2 00
Southland Tomato.....	10	1 15	4 00	12 00
Purple-Top Globe Turnip.....	10	15	35	1 00

## ONION PLANTS

Add Postage: 1 bunch 15 cts.; 3 bunches 20 cts.; 5 bunches 25 cts.

	Bunch	2 bunches	5 bunches
Sweet Spanish or White Bermuda.....	\$0 50	\$0 90	\$2 00

(Each bunch is counted in the field for 100 plants. We do not guarantee the count Some run over and others are under.)

# WETSEL'S Dependable VEGETABLE SEEDS

## ASPARAGUS

Soak the seed twenty-four hours before planting, and sow in spring or fall in very rich soil. Transplant to rows 2 feet apart, with plants about 15 inches apart. One ounce plants 50 feet of row.

Roots are planted 8 inches deep and 18 inches apart, in rows 4 feet apart. Set them in a trench that has been fertilized well, and do not use the sprouts the first year. A dozen roots for each member of the family is a good quantity to plant.

**Mary Washington.** Rust-resistant. Large straight stalks with firm delicious tips.

**Mary Washington Roots.** Set out in February and March. 1 to 3 years old.

## BROCCOLI

Start early indoors and transplant outdoors when frost is over, 18 to 24 inches apart, in rows 3 feet apart. A packet of seed is enough for most home gardens; an ounce produces 2500 plants.

**Green Sprouting.** 75 days. Sprouts about 5 inches long, with a head of green shoots. New heads form in six to eight weeks after cutting.

ASPARAGUS	Pkt.	Oz.	1/4lb.	Lb.
Mary Washington Seed. (Postpaid).....	\$0 10	\$0 15	\$0 45	\$1 50
Roots. (Not postpaid).....	Doz.	25	50	100
	\$0 50	\$0 85	\$1 50	\$2 85
BROCCOLI	Pkt.	Oz.	1/4lb.	Lb.
Green Sprouting (Postpaid)....	\$0 10	\$0 20	\$0 70	\$2 50
BRUSSELS SPROUTS				
Long Island Improved. (Postpaid)	10	40	1 40	4 50

## BRUSSELS SPROUTS

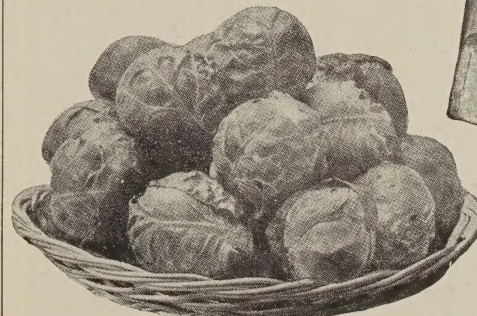
Grown like cabbage. Set the plants 2 feet apart with 3 feet between rows. A packet will be ample for small gardens; an ounce produces about 2500 plants.

**Long Island Improved.** 100 days. Small shoots clustered around the main stem maturing in autumn.

Beans are the most important garden vegetable. They contain both Vitamins A and B; are most nutritious and wholesome. Plant plenty of Beans.



ASPARAGUS, Mary Washington



BRUSSELS SPROUTS





## BEANS

### Dwarf or Bush Green-Podded

Plant every two weeks from April to August, at the rate of  $\frac{1}{2}$  pound to a 50-foot row. Sow Beans 3 inches apart,  $1\frac{1}{2}$  to 2 inches deep, in rows 2 feet apart. Cultivate frequently but never when the plants are wet.

#### All-America Bean—1950

**TOPCROP.** 52 days. Selected by All-America judges as the outstanding bush snap Bean for 1950, based on last year's performance and quality. A new Bean only a year or so old. Until this year was known as USDA No. 1, having been developed by the U. S. Department of Agriculture.

Vine 15 to 17 inches high, with good pod concentration. Pods  $5\frac{1}{2}$  inches long, round, dark green. Mosaic resistant. Stringless. Seed is brown mottled. **Lb. 60 cts.; 2 lbs. \$1.15; 5 lbs. \$2.50, plus postage.**

**Burpee's Stringless.** 54 days. Pods 5 inches long, slightly curved, round, dark green and fleshy. A very popular variety, especially for canning.

**Dixie White.** 53 days. Pods 4 inches long, light green, round, straight and stringless when young. Excellent as a dry shell Bean. Wonderful yielder.

**Dwarf Horticultural.** Snap pods 53 days; green shell Beans 60 days. Plant medium small, thrifty and productive. Pods dark green at snap stage, becoming greenish yellow splashed with carmine; 5 to  $5\frac{1}{2}$ -inches long,  $\frac{5}{8}$  inches wide and flat at snap stage, becoming almost round at green shell stage; strictly stringless, slightly fibrous. Seeds plump oval, pinkish buff, spotted and streaked with purplish red.

**Giant Stringless Green-Pod.** 56 days. Excellent for market gardeners, shippers, and canners. Pods round, 6 inches long, entirely stringless.

**Landreth's Stringless.** 54 days. Pods 6 to 7 inches long, fairly straight, round and dark green. Generally regarded as the same Bean as Burpee's Stringless, but this Strain is preferred by many commercial canners.

**Streamliner.** 50 days. A new variety for this section. Has enjoyed increasing popularity in other areas for several years. Flat to thick flat stringless pods. Bush medium size and prolific. Seeds medium size, oval, white.

**Stringless Red Valentine.** 54 days. A standard early variety. Pods green, round, 5 inches long, stringless.

**Tendergreen Stringless.** 48 days. An excellent early sort for home and market-garden use. Pods round, fleshy, stringless, with many brown seeds which are mottled with light fawn. Plants strong, upright in habit, and yield freely.

**Tennessee Green-Pod** (Case-knife). 52 days. Pod the largest, longest, and broadest of any green-pod Bean; not entirely stringless.

### Dwarf or Bush Wax-Podded Beans

**Davis White Wax Stringless.** 52 days. Pods 5 to 6 inches long, flat, wide, yellow, of good quality. Good for home use or shipping.

**Pencil-Pod Black Wax.** 59 days. Pods 6 to 7 inches long, straight, round, absolutely stringless. Seeds black.

**Top Notch Golden Wax.** 50 days. This is a comparatively new strain of Wax Bean and generally regarded as an improvement over Rustless Golden Wax. Pods are 5 inches long, flat, straight, and yellow. White seed, brown eye.

### Bush Shell Beans

Used exclusively as Shell Beans

**White Kidney.** Kidney-shaped white seed.

**Red Kidney.** Seeds are brick-red in color.

**Great Northern.** Solid white.

**Pinto.** Grayish brown.

**Navy.** Small white Beans fine for baking.

### Pole or Cornfield Beans

Pole Beans are sensitive to cold, and should not be planted until the ground is warm. Use poles 6 to 8 feet long, set firmly 3 feet apart in rows 4 feet apart. If planted in hills, sow five or six Beans in each. May also be planted with corn.

**Creaseback, Black.** 65 days. Grows 5 feet tall. Pods round, 7 inches long, and stringless. Black-seeded.

**Creaseback, White.** 63 days. Bright green, round pods about 6 inches long, not stringless.

**Creaseback, Striped.** 70 days. Medium green, round pods, 6 inches long, not stringless but of good quality.

**Kentucky Wonder, Brown-Seeded.** 65 days. A profusion of round meaty pods, often 9 to 10 inches long. Very popular.

**Kentucky Wonder, White-Seeded.** 62 days. Long, brittle, stringless pods, finely flavored.

**Lazy Wife.** 73 days. A late sort for home gardens. May be used as a snap, a green shell, or a dry shell Bean. Pods flat, about 5 inches long. Dry seed is white.

**London Horticultural.** 70 days. Short, straight, stringless pods. Dried Beans are fine for winter use.

**Red Speckled Cut-Short.** 74 days. Long, straight, 4-inch pods thick and crisp when young.

**Tennessee Wonder.** 71 days. Similar to Kentucky Wonder, but has larger, straight, and smoother pods. More desirable as a shell Bean than as a snap.

**White McCaslan.** 65 days. Green pods 8 to 9 inches long, slightly flattened. White seeds.

#### BEANS, BUSH GREEN-PODDED

Add postage at 15 cts. for first pound  
and 3 cts. for each additional pound.

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Stringless Red Valentine	\$0 45	\$0 85	\$1 95	\$3 80	\$9 25
Tendergreen Stringless	45	85	1 95	3 80	9 25
Streamliner	45	85	1 95	3 80	9 25
Dwarf Horticultural	45	85	1 95	3 80	9 25
Sulphur or Brimstone	50	95	2 35	4 60	11 00
Full Measure	35	65	1 55	2 90	6 75
Bountiful	40	75	1 85	3 60	8 75
Rogers Stringless Refugee	45	85	1 95	3 80	9 25
Ideal Black Market	45	85	1 95	3 80	9 25
Noxall	45	85	1 95	3 80	9 25
All Other Varieties	40	75	1 85	3 60	8 75

#### BEANS, BUSH WAX

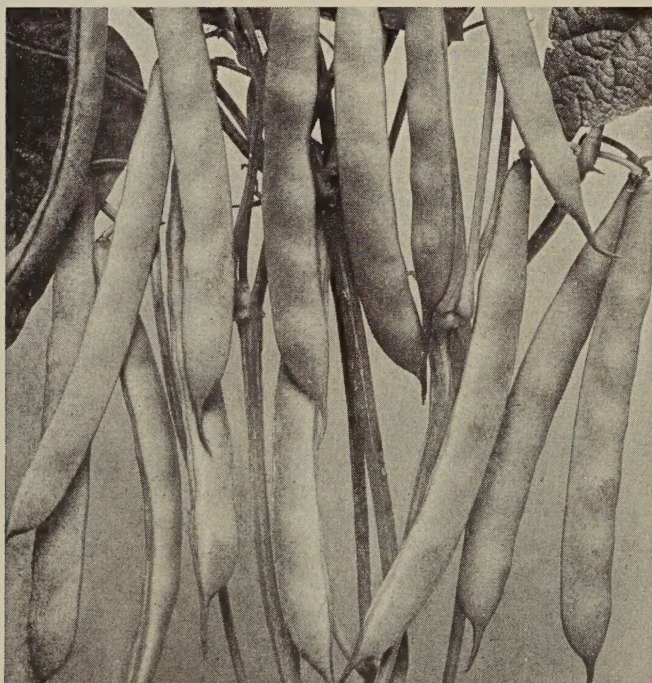
Davis White Wax Stringless	40	75	1 85	3 60	8 75
Pencil-Pod Black Wax	40	75	1 85	3 60	8 75
Top Notch Golden Wax	40	75	1 85	3 60	8 75

#### BEANS, BUSH SHELL

White Kidney	35	65	1 60	3 00	7 00
Red Kidney	35	65	1 60	3 00	7 00
Great Northern	30		1 40	2 60	6 00
Pinto	30		1 40	2 60	6 00
Navy	30		1 40	2 60	6 00

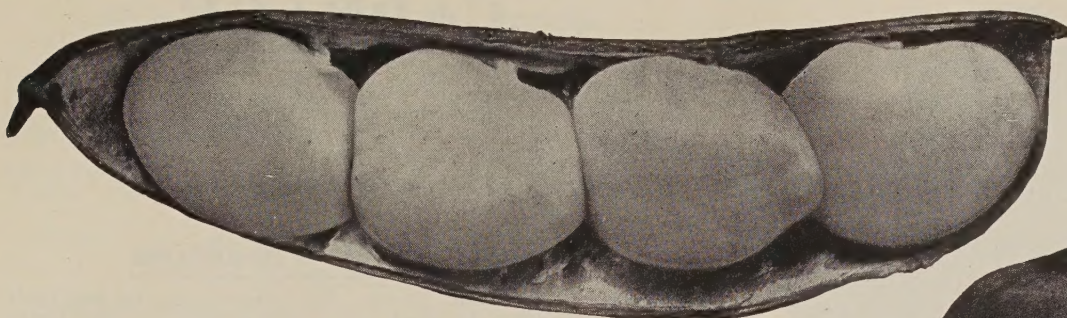
#### BEANS, POLE or CORN-FIELD (Green Snap)

Creaseback, White	40	75	1 85	3 60	8 75
Kentucky Wonder, White	40	75	1 85	3 60	8 75
Kentucky Wonder, Brown	40	75	1 85	3 60	8 75
Creaseback, Striped	40	75	1 85	3 60	8 75
All Other Varieties	45	85	1 95	3 80	9 25



BEANS, Bountiful





LIMA BEAN, Fordhook Bush

## Pole Wax-Podded Beans

**Kentucky Wonder Wax.** 70 days. Flat yellow, stringless pods.

## LIMA BEANS

Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well-enriched land, with the rows 3 feet apart, placing the Beans 6 inches apart in the row. Plant about 1½ inches deep, ½ pound to 50 feet of row.

## Bush Varieties

**Burpee's Improved Bush.** 75 days. Produces large pods which contain 4 or more thick Beans. The dry Beans are flat, greenish white.

**Cangreen.** 65 days. Small-seeded, similar to Henderson's Bush in size. Retains green color to canning stage.

**Fordhook Bush Lima.** 75 days. Thick, meaty pods containing 3 or 4 seeds. Both the green shell and the dry Beans are large and plump.

**Fordhook Baby Lima.** 70 days. Bush about 14 inches high, erect and runnerless. Dark glossy green pods 2½ inches long, with 3 or 4 Beans. Excellent for canning.

**Henderson's Bush (Baby Lima).** 65 days. A popular canning variety. Pods contain 3 or 4 seeds. Dry Beans are white.

**Jackson's Wonder Bush.** Medium-sized pods holding 4 or 5 thick Beans of good quality.

## Pole Varieties

**King of the Garden.** 88 days. An improved strain of the large white Pole Lima. Pods 5 to 6 inches long, containing 4 or 5 large Beans of good quality.

**Red-speckled Pole.** 88 days. Large flat Bean. Very prolific and of excellent quality.

**Sieva or Carolina.** 75 days. Popular pole Butter Bean, with pods 3 inches long. Early, prolific, and of excellent quality.

Beans are the most important garden vegetables. They contain both Vitamins A and B<sub>1</sub>, are the most nutritious and wholesome. Plant plenty of Beans.

*We do not pay postage on Beans. Add 15 cts. for first pound and 3 cts. for each additional pound*

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
<b>BEANS, POLE WAX</b>					
Kentucky Wonder Wax..	\$0 45	\$0 85	\$1 95	\$3 80	\$9 25
<b>LIMA BEANS, BUSH</b>					
Fordhook 242.....	50	95	2 35	4 60	11 00
Fordhook Baby.....	50	95	2 35	4 60	11 00
Cangreen.....	50	95	2 35	4 60	11 00
All Other Varieties, Bush.	45	85	1 95	3 80	9 25
<b>LIMA BEANS, POLE</b>					
All Varieties.....	45	85	1 95	3 80	9 25
<b>BEETS</b>					
	Pkt.	Oz.	¼lb.	Lb.	
All Varieties Table. (Postpaid)...	\$0 10	\$0 15	\$0 45	\$1 40	
All Varieties Stock (Postpaid)...	10	15	35	1 10	
<b>SWISS CHARD</b>					
Both Varieties. (Postpaid).....	10	15	40	1 25	

BEET,  
Detroit Dark Red

## BEETS

Light, well-fertilized loam is best for growing Beets. Successive plantings at two-week intervals are preferable, using an ounce of seed for a 50-foot row, and 6 to 8 pounds for an acre. Sow in rows 1½ feet apart, and when the plants are about 2 inches high, thin to 3 inches apart. Beet tops are among the most vitamin-rich products of the whole vegetable garden. For winter storage, late Beets may be packed in moist soil in a cool cellar.

**Crimson Globe.** 69 days. Second early. Globe-shaped; deep crimson.

**Crosby's Egyptian.** 60 days. Early. Flattened globe-shaped; medium dark-red, tops medium size.

**Detroit Dark Red.** 68 days. Main-crop variety. Roots round, smooth, deep blood-red. Good for late summer and fall.

**Early Blood Turnip.** 68 days. Second early. Turnip-shaped, bright red; long tap-root. Used for both early and main crop; desirable for winter use.

**Early Eclipse.** 65 days. Root globular; flesh bright red, marked with white, fine grained.

**White Sugar.** 90 days. Large. Excellent for table use or for stock. Heavy yielder.

### *Vitaminized Gardens*

Beets contain Vitamin B<sub>1</sub> health and nutrition necessity. Young Beet tops are superior to spinach and turnips for greens.

## MANGEL-WURZEL or STOCK

## BEETS

Sow from April to July, in drills 2 feet apart, thinning to 10 inches apart. Sow 6 pounds of seed per acre.

**Golden Tankard.** Flesh yellow and inclined to color the milk. Large root, usually larger at the bottom than at the top.

**Mammoth Long Red.** Flesh white, veined pink. Roots 18 inches long, and 6 inches across, grow half above ground. Often yields 30 to 50 tons per acre.

## SWISS CHARD

Sow the seed about an inch apart and an inch deep, in rows 1½ to 2 feet apart. When 3 or 4 inches high, thin to 8 to 10 inches apart. An ounce of seed plants 50 feet of row.

**Fordhook Giant.** 60 days. Grows to an immense size. Large, fleshy, blue-green, much-crinkled leaves of thick texture. Stems pearly white, often 2½ inches wide.

**Lucullus.** 60 days. In season from early spring to late autumn. The pale green foliage may be used like spinach and the broad white stems like celery. The roots are not edible.





## CABBAGE

Start indoors in January or February, and transplant to the open ground, setting the plants 18 inches apart in rows 2 to 2½ feet apart. An ounce of seed will produce about 2000 plants. For fall crops, the seed may be sown directly in the row. Plenty of nitrogen-rich fertilizer and frequent cultivation are necessary.

All Cabbage seed sent postpaid

### First-Early Varieties

**Charleston Wakefield.** 72 days. Seed selected from the best Early Jersey Wakefield, but heads will average about 50 per cent larger. Pointed heads with dark green outer leaves.

**Copenhagen Market.** 65 days. Heads 6 to 7 inches in diameter, weighing 3 to 3½ pounds. Firm and tender. An early round-head variety.

**Early Dwarf Flat Dutch.** 72 days. Heads dark green, flat, solid, and of good size.

**Early Jersey Wakefield.** 64 days. Compact, pointed head. Can be planted closer than most varieties.

**Golden Acre.** 64 days. Heads round, about 9 inches in diameter, firm, bright green in color.

**Jersey Queen.** 64 days. Identical with Early Jersey Wakefield, except that it is wilt-resistant.

**Marion Market.** Yellows-resistant strain of Copenhagen Market.



CABBAGE, Early Jersey Wakefield

## CARROTS

For home use, sow at two-week intervals in rich deep loam, in rows 18 to 20 inches apart. When plants are a few inches high, thin to 2 to 3 inches apart. An ounce of seed plants 100 feet of row; 3 to 4 pounds, an acre.

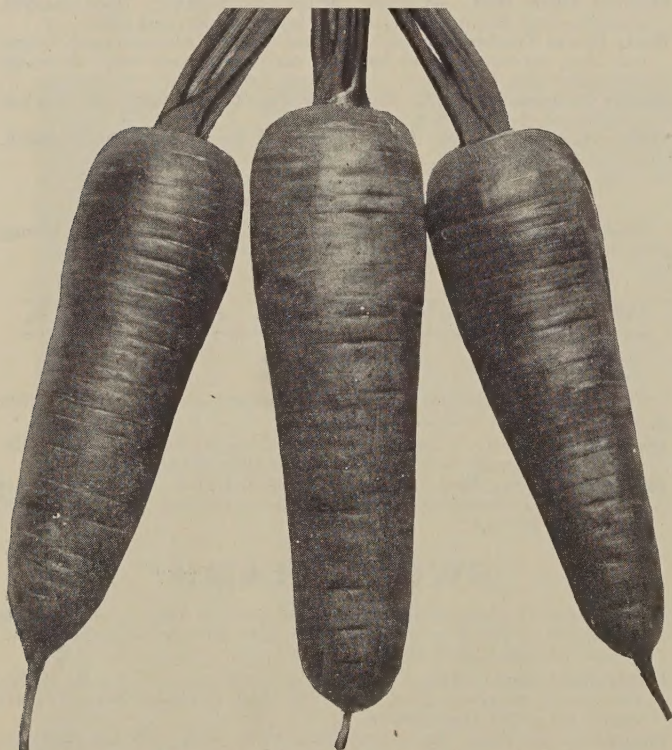
**Chantenay.** 72 days. Roots 5 to 6 inches long, deep orange-red, smooth, tapering. Fine-grained, tender flesh. Desirable for home and market-garden use.

**Coreless.** 70 days. Excellent for forcing, as well as for home and market gardens. Tops very small. Roots bright orange, cylindrical, blunt ended. Flesh reddish orange, crisp, tender and of fine flavor, practically coreless.

**Danvers Half-Long.** 75 days. Roots deep orange, longer than Chantenay, crisp, sweet and tender. Good for storing and shipping.

**Imperator.** 76 days. A new variety. Rich orange flesh; root 7 to 8 inches long, smooth, slender, and attractive. Especially fine for bunching.

**Scarlet Nantes (Stump-rooted).** 63 days. Roots 3 inches long, reddish orange in color, about 1½ inches thick at top. Is becoming very popular.



CARROTS, Chantenay

### Later and Winter Varieties

**Danish Ballhead.** 103 days. Yellows-resistant. Solid round heads; short stems. Good for winter storage.

**Houser.** 105 days. Solid, slightly flattened head.

**Large Late Drumhead.** 105 days. Very popular. Large, round head, slightly flattened. Excellent keeper.

**Late Flat Dutch.** 110 days. Large, flat head, very solid and keeps well.

**Red Rock.** 100 days. Solid round heads, deep red in color. Often used for pickling.

**Savoy, Drumhead American.** 95 days. Satisfactory for home use and market. Heads flattened, globe-shaped, large and firm; short stems.

**Surehead.** 85 days. Large, solid, thick heads; good shipper.

**Volga.** 89 days. Dependable main-crop variety for market garden and shipping. Plant dwarf, compact, with thick outer leaves; heads globular.

**Wisconsin All-Seasons.** 94 days. A yellows-resistant strain of All-Seasons. Head large, flat, and hard, on short stems. Good winter keeper, used extensively in manufacturing kraut.

**Wisconsin Hollander No. 8.** 105 days. A yellows-resistant strain of Hollander or Danish Ballhead. Yields well on yellows-infested land. Excellent for storing and shipping.

### Chinese or Celery Cabbage

**Chihili.** 75 days. Resembles celery and Cos lettuce, with tall cylindrical heads. For early use, sow seeds in hotbed in February; for later use, sow early in June. Plants mature in from twelve to fifteen weeks; will not stand frost.

All Cabbage Seed postpaid

CABBAGE, EARLY VARIETIES	Pkt.	Oz.	¼lb.	Lb.
Charleston Wakefield.....	\$0 10	\$0 30	\$0 90	\$3 00
Golden Acre.....	10	30	90	3 00
Jersey Queen.....	10	35	1 00	3 60
Copenhagen Market.....	10	30	90	3 00
All Other Varieties.....	10	25	75	2 50
CABBAGE, LATE VARIETIES				
Danish Ballhead.....	10	30	90	3 00
Houser.....	10	30	90	3 00
Wisconsin All-Seasons.....	10	35	1 00	3 60
Wisconsin Hollander No. 8.....	10	35	1 10	4 00
Red Rock.....	10	40	1 25	4 75
All Other Varieties.....	10	25	75	2 50
CABBAGE, CHINESE or CELERY				
Chihili.....	10	20	70	2 00
Celeriac.....	10	55	2 10	
CARROTS				
Scarlet Nantes. (Postpaid).....	10	20	65	1 75
All Other Varieties. (Postpaid).....	10	20	55	1 50





## CAULIFLOWER

Grown like cabbage. Leave 2 feet between plants and 3 feet between rows. When the heads are about 3 inches across, tie up the outer leaves to aid in blanching. An ounce of seed produces about 2000 plants.

**Early Snowball.** 95 days. An extra-good strain yielding medium-sized, compact heads.

## CELERY

Grows best in moist, fertile loam. Sow the seed indoors, and transplant 6 inches apart, with 2½ feet between rows. Use boards, heavy paper, or soil around the plants for blanching. An ounce of seed produces about 5000 plants.

**Fordhook-Emperor.** 130 days. Dark green foliage and thick stalks, solid and large; golden heart.

**Giant Pascal.** 135 days. Excellent for fall and winter, for it keeps well. Blanches to yellowish white; stalks solid and crisp, about 2 feet high.

**Golden Self-blanching.** 115 days. A popular dwarf variety. Blanches easily and matures early. Fine for home gardens.

**White Plume.** 125 days. Foliage green, tinted white. 18 to 20 inches. Stalk blanches easily to nearly white.

## CELERIAC

Sometimes called turnip-rooted celery. Grown for its roots only, which are used to flavor soups and salads.

## CUCUMBER

Sow seed after danger of frost is past, using eight to ten seeds to hills spaced 3 to 5 feet apart. An ounce of seed plants 50 hills.

**A. & C.** 68 days. The beautiful straight fruits grow about 10 inches in length and 2½ inches thick, well rounded at the end and dark green throughout. Holds color well when pickled.

**Chicago Pickling.** 60 days. Fruit large, square-ended, rich dark green.

**Davis Perfect.** 65 days. Fruit dark green with white spines. Disease-resistant. Few seeds.

**Early Green Cluster.** 52 days. Dark green fruits in clusters, adapted for pickling.

**Early Short Green (Early Frame).** 58 days. Small fruits for pickling.

**Everbearing.** 55 days. Early. Will bear entire season if fruits are kept closely picked. Best for pickling.

**Improved Early White Spine.** 56 days. Popular market sort. Fruit straight, 8 inches long, bright green with whitish green tips.

**Improved Long Green.** 67 days. Fruit 12 to 14 inches long, dark green. Standard table variety.

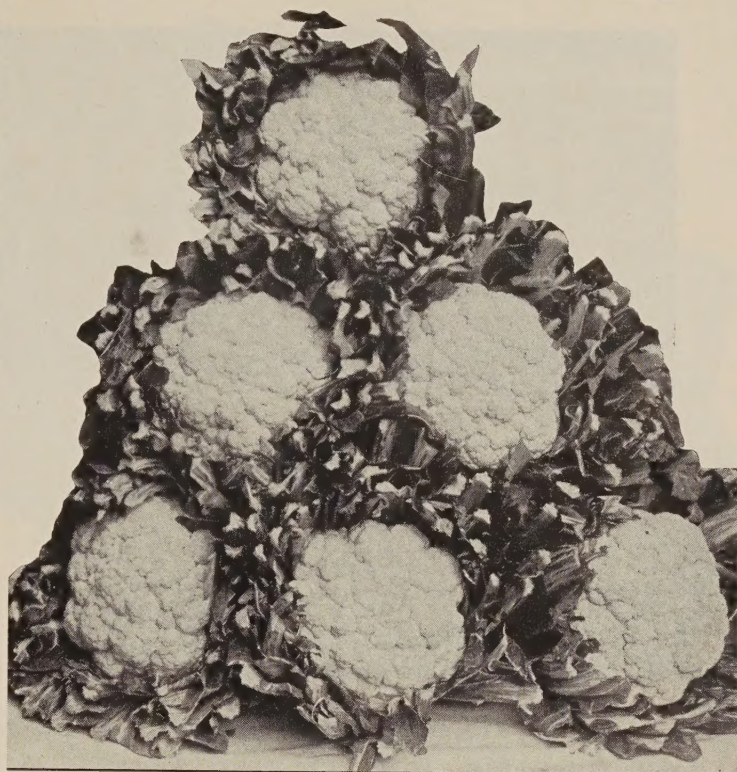
**National Pickling.** 56 days. Fruit straight, with blunt ends, black-spined, deep green. High yielder.

**Straight-8.** 66 days. Straight, smooth, deep green fruits about 8 inches long. Desirable table variety.

**Woodruff's Hybrid.** 60 to 64 days. Fruits 8 to 10 inches long, cylindrical with rounded ends and small seed cavity. Medium dark green with thin light green stripes at blossom end; tender and crisp, superior quality.

**White Wonder.** 58 days. Ivory-white fruits in clusters.

**Gherkin.** 50 days. Light green, spiny, oval fruits, with small seeds. Makes delicious pickles.



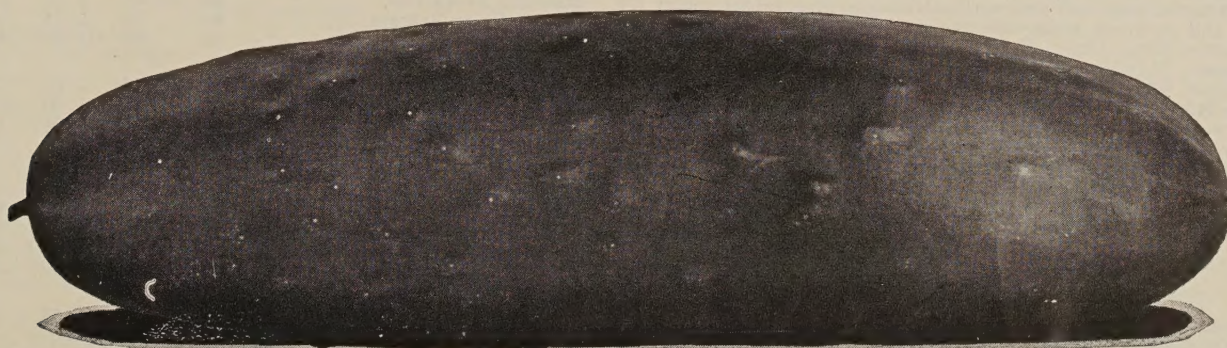
CAULIFLOWER, Early Snowball

## COLLARDS

Sow outdoors and thin or transplant to 2 feet apart. An ounce of seed will sow 100 feet of row.

**Georgia or Southern.** 75 days. Plants grow 2 to 3 feet tall and produce good greens even on poor land.

CAULIFLOWER	Pkt.	Oz.	¼lb.	Lb.
Early Snowball. (Postpaid).....	\$0 10	\$0 85	\$3 00	\$10 00
<b>CELERY</b> <i>All Celery Seed postpaid</i>				
Fordhook-Emperor.....	10	55	1 80	6 50
Golden Self-blanching.....	10	45	1 60	6 50
Giant Pascal.....	10	40	1 35	5 00
White Plume.....	10	50	1 70	6 00
<b>COLLARDS</b>				
Georgia or Southern. (Postpaid)..<	10	15	40	1 25
<b>CUCUMBER</b> <i>All Cucumber Seed postpaid</i>				
Woodruff's Hybrid.....	10	35	1 25	4 00
A. & C.....	10	25	65	2 25
Straight 8.....	10	25	70	2 25
National Pickling.....	10	20	60	1 75
All Other Varieties.....	10	15	50	1 90



CUCUMBER, Straight-8





SWEET CORN, Golden Bantam

## CORN

### SWEET OR SUGAR

Plant in well-fertilized land after it has become warm and dry in the spring. Two ounces of seed will plant 50 feet. If in rows, space the seeds 3 inches apart, with 2 feet between rows, and thin the young plants to 10 inches apart. Or plant six seeds to a hill, thin to three plants, and space the hills 2 feet apart each way.

### Hybrid Strains

**Aristogold Bantam Evergreen.** 85 to 90 days. A new strain of the Bantam hybrids. Stalks clean, 8 to 9 feet tall, vigorous. Ears 9 to 10 inches long, with 16 to 18 rows. Kernels deep, tender, sweet and of fine flavor; yellow.

**Ioana.** 87 days. A new variety developed in Iowa and especially resistant to drought and wilt. Largely planted in the South and Southeast or wherever worms are likely to infest the crop. The 8-inch ears have 12 or 14 rows of cream-yellow kernels; an especially heavy husk protects the ear from birds and worms. Popular with canners and market gardeners, and highly recommended.

**Country Gentleman.** 90 days. A fine variety with ears 6½ to 7 inches long; slender white kernels set irregularly instead of in rows. The seed we offer is produced from carefully bred selected strains.

**Goldengrain.** 85 to 92 days. Another comparatively new strain of yellow hybrid. Stalk 8 feet tall, sturdy and without suckers. Ear 9 inches long, with 18 to 20 rows of deep, plump kernels. Deepest and sweetest kernels ever seen on a southern variety.

**Stowell's Evergreen.** 93 days. Developed from crossing inbred evergreen lines. Widely grown by market gardeners and canners, particularly in the East. Ears 7 to 9 inches long and 16 or 18-rowed bear white kernels.

**Golden Cross Bantam.** Wilt-resistant. An excellent producer of 8-inch yellow ears with 10 to 14 rows of kernels. Matures a few days later than Golden Bantam.

**Tendermost.** 83 days. One of the newest hybrid Sweet Corns. Giant kernels and delightfully tender hulls. Ears large, averaging about 9 inches, with 14 to 16 rows. Resists smut and worms.

### Standard Strains

**Country Gentleman.** 93 days. Irregular rows of white kernels. A popular late variety for home gardens.

**Golden Bantam** (8-rowed). About 80 days. Ears 7 to 8 inches, with 8 rows of kernels of high flavor and sweetness. No flag leaves. Stalk 5½ to 6 feet. An excellent and well-known strain. Lb. 25 cts.; 5 lbs. \$1.15; 10 lbs. \$2.20. (We also have the 12-rowed Golden Bantam. Ears are, of course, larger and later in maturity.)

**Golden Giant.** 65 to 75 days. Rich golden yellow grains, deliciously sweet, make the large, full ears very attractive. Size, bright color, quality, and earliness make this the most popular, large-eared, golden yellow Sweet Corn. Ears 7 inches long, with 10 to 14 rows. A fine freezer. It follows Golden Bantam by ten days when planted at same time.

**Graham 8-Row (Old Maid's Delight).** 93 days. Long slim ear; cob very small. Retains tenderness longer than most Sweet Corns. White kernels. Very popular in this area. Supply very short.

**Howling Mob.** 85 days. An early white variety. Ears 7 to 9 inches long, with 12 or 14 rows of kernels.

**Stowell's Evergreen.** 95 days. A superior late variety. Large ears and sweet white kernels.

### Pop Corn (Seed)

**White Rice.** Excellent popping quality. A good producer. Very popular for general use.

**South American Yellow.** Large, puffy, white. Very fine, large ears.

**South American Hybrid.** The leading hybrid Pop Corn.

## DANDELION

For healthful greens or salad. Sow outdoors; thin to 4 inches.

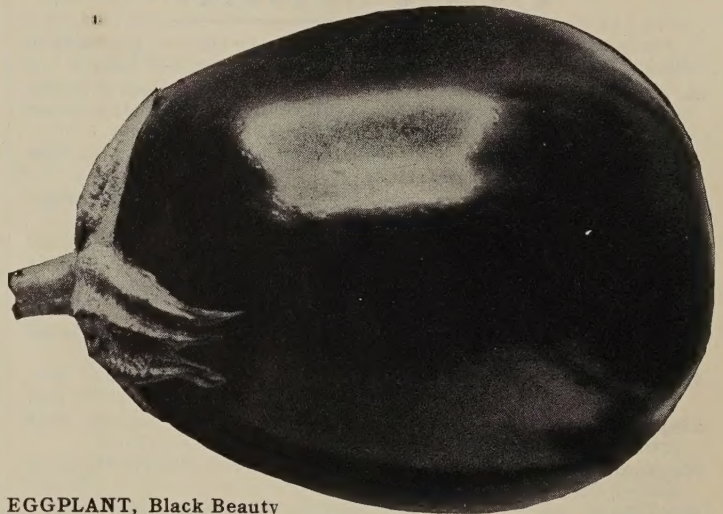
## DILL

The herb long used to make dill pickles. Sow seed in the open ground and thin to a foot apart each way. The whole plant is generally used in the pickle brine.

## EGGPLANT

Sow the seed early indoors and transplant outdoors in late May. Allow 2 feet between plants and about 3 feet between rows. An ounce produces about 1000 plants.

**Black Beauty.** 110 days. Early and productive variety bearing about five large, rich blackish purple fruits to a plant.



EGGPLANT, Black Beauty

Add 15 cts. postage for first pound  
and 3 cts. for each additional pound.

	Lb.	2 lbs.	5 lbs.	10 lbs.
<b>CORN, SWEET, Hybrid</b>				
Aristogold .....	\$0 60		\$2 75	\$5 20
Goldengrain .....	60		2 75	5 20
Ioana .....	40		1 90	3 70
Country Gentleman .....	50		2 25	4 40
Stowell's Evergreen .....	45	\$0 85	2 10	4 10
Golden Cross Bantam .....	40	75	1 75	3 40
Tendermost .....	50	90	2 20	4 30
<b>CORN, SWEET, Standard</b>				
Adams Extra Early .....	25	45	1 05	2 00
Black Mexican .....	35	65	1 50	2 80
Truckers' Favorite .....	25	45	1 05	1 85
Graham 8-Row .....	40	75	1 80	3 50
All Other Varieties .....	30	55	1 25	2 30
<b>POP CORN</b>				
White Rice .....	25	45	1 00	1 95
South American Yellow .....	25	45	1 00	1 95
South American Hybrid .....	60	1 15	2 80	5 40
	Pkt.	Oz.	¼lb.	Lb.
DANDELION. (Postpaid) .....	\$0 10	\$0 30		
DILL. (Postpaid) .....	10	20	\$0 55	
<b>EGGPLANT</b>				
Black Beauty. (Postpaid) .....	10	45	1 60	\$6 00





## ENDIVE

Sow in March for an early crop and in July for a second one. Space the plants about 8 inches apart in rows 1½ feet apart. Blanching is accomplished by tying the outer leaves over the heart of the plant. An ounce plants 150 feet.

**Broad-leaved Batavian** (Escarole). 90 days. Broad, thick ribs.

**Green Curled**. 95 days. Finely cut dark green leaves, crisp and tender.

**White Curled**. 100 days. Rose-tinted ribs and creamy white heart.

## KALE or BORECOLE

May be sown from May to September and is not harmed by cold weather. Plants should be about 18 inches apart, in rows 2½ feet apart. An ounce sows 200 feet of row.

**Blue Curled Scotch**. 55 days. Heavily curled, bluish green foliage with short stems, causing it to lie on the ground. Seldom winter-kills unless temperature goes below zero.

**Early Curled Siberian**. 55 days. Dwarf, spreading plant that grows rapidly and hence matures early. Large green leaves, curled at ends. Extremely hardy.

**Spring Kale**. Spring and summer. Plants tall and erect; leaves plain. Grows rapidly, producing quick greens.

## KOHLRABI

Plant in early spring, at the rate of an ounce for 200 feet of row. Thin the plants to stand 6 inches apart, in rows 18 inches apart. Use the bulbs while they are young and tender.

**Early White Vienna**. 55 days. Very early. Smooth white bulbs of medium size, and tender white flesh.



LETTUCE, Big Boston

## LETTUCE

Head Lettuce should be spaced about a foot apart, but loose-leaf kinds can be set closer together. Sow in rich soil and transplant. An ounce of seed plants 300 feet of row.

### Head Varieties

**All-Season**. 73 days. Medium-sized, compact heads.

**Big Boston**. 76 days. Solid head; leaves tinged bronze at the edges, heart light yellow. Crisp and tender.

**California Cream Butter**. 75 days. Leaves thick, dark green, spotted with brown; heart golden yellow.

**Crisp-As-Ice**. 74 days. Leaves broad, crumpled and stiff. Head solid.

**Great Lakes**. Firm heads with large leaves and heavy midribs. Withstands heat and sun, is slow to go to seed and very resistant to tip-burn. Also fine for cool weather.

**Iceberg**. 84 days. Plants should be well spaced. Extra-large heads light green, tinged brown; hearts very white and sweet. Good for both spring and summer.

**Imperial 44**. 82 days. Good variety of winter Lettuce. Compact, medium-sized plant, producing a hard and well-formed head, with long leaves.

**Improved Hanson**. 78 days. Head large, firm, with yellowish green center leaves. Good for midsummer planting.

**New York No. 12** (Wonderful). 77 days. A strain of the original New York Lettuce, and well adapted to summer weather. Immense heads with outer leaves crumpled and notched; blanches easily.

**Prize Head**. 47 days. Desirable home-garden variety. Leaves broad and frilled, outer ones tinged red, inside ones, green.

**White Boston**. Green-leaved Big Boston type without the red-tinged leaf-edge. An entirely dependable sort for growing in cold-frames and for first field planting in spring.

### Loose-Leaf Varieties

**Black-seeded Simpson**. 70 days. Light green leaves with frilled edges. Standard home-garden variety.

**Early Curled Simpson**. 50 days. Popular home-garden Lettuce. Leaves broad, frilled, bright green.

**Grand Rapids**. 43 days. An early variety adapted to forcing or open ground. Broad, wavy, light green leaves.

### Romaine or Cos Lettuce

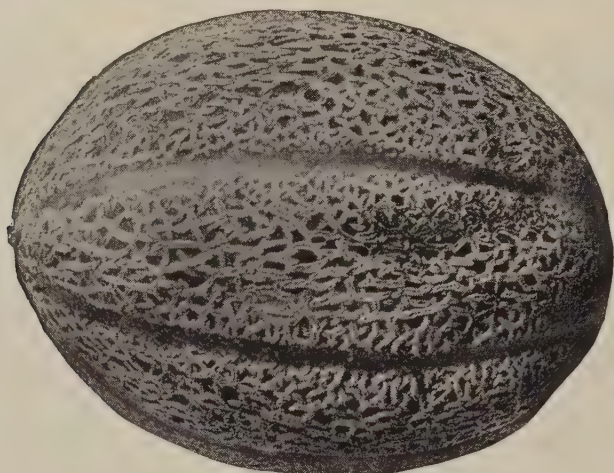
**Hick's Hardy White Winter**. Forms a large, upright, loose head. Outer leaves light green; inner ones blanch white if the head is tied.



ENDIVE, Green Curled

All Endive postpaid					
ENDIVE	Pkt.	Oz.	1/4lb.	Lb.	
Broad-leaved Batavian.....	\$0 10	\$0 15	\$0 50	\$1 75	
White Curled.....	10	15	45	1 50	
Green Curled.....	10	15	45	1 50	
All Kale postpaid					
KALE					
Blue Curled Scotch.....	10	15	50	1 60	
Early Curled Siberian.....	10	15	45	1 25	
Spring.....	10	10	25	60	
All Lettuce postpaid					
LETTUCE					
Crisp-As-Ice.....	10	25	85	3 25	
Great Lakes.....	10	40	1 40	5 00	
Iceberg.....	10	20	70	2 50	
Imperial 44.....	10	25	85	3 25	
New York No. 12.....	10	25	85	3 25	
All Other Varieties.....	10	15	50	1 75	
All Romaine or Cos Lettuce postpaid					
ROMAINE or COS LETTUCE					
Hick's Hardy White Winter.....	10	20	60	1 75	





MUSKMELON, Rocky Ford

## MUSKMELON

Melons grow best in rich, sandy soil. Drop ten to twelve seeds in hills spaced 4 to 6 feet apart. Thin to about three strong plants to a hill. An ounce plants 50 hills; 2 pounds an acre.

**Banana.** 98 days. A pink-fleshed melon, long, tapered at both ends. Plant vigorous and reasonably hardy.

**Cassaba.** Hybrid strain. Full size in 120 days. Fruit globular and large 6 to 8 in. Skin yellow and tough. Flesh thick, white, juicy and sweet.

**Delicious Gold-lined Rocky Ford.** 95 days. A strain of the Rocky Ford with green flesh and gold lining next to the seed cavity. Sweet and spicy; excellent in all respects.

**Emerald Gem.** 87 days. Yellow flesh. Fruits slightly flattened, of medium size, and desirable for home use.

**Hale's Best.** 85 days. Fruit oval, heavily netted. Flesh thick, light salmon in color, very sweet. Small seed cavity.

**Hearts of Gold (Hoodoo).** 88 days. Thick, sweet, orange flesh. Fruits nearly round, with thin but firm rind.

**Honey Dew.** 110 days. Green flesh, with a distinctive sweet flavor. Requires a warm location and a long season.

**Honey Rock (Sugar Rock).** 81 days. Flesh light pink, thick; small seed cavity. Slate-gray rind with coarse netting. Very popular.

**Improved Perfecto.** 88 days. Pink flesh. Fruits 6 inches or more in diameter, with skin netted, cream-color when ripe.

**Large Hackensack.** 88 days. Thick green flesh. Fruit large, round, slightly flattened at the ends.

**Rocky Ford (Netted Gem).** 92 days. Thick, sweet, green flesh; small seed cavity.

**Tip-Top.** 90 days. Popular market-garden sort. Flesh salmon, sweet and delicious. Fruit large, slightly ribbed.

Muskmelons of choicest quality can be grown with a little extra care by starting the plants in hotbeds, or in pots indoors in the manner described for handling cucumbers. No trouble or effort should be spared in preparing the hills well, and manuring them. Thorough cultivation should be given at all times and abundant water, but the vines should be disturbed as little as possible.

All Muskmelon Seed postpaid				
MUSKMELON	Pkt.	Oz.	1/4lb.	Lb.
Honey Dew.....	\$0 10	\$0 20	\$0 70	\$2 50
Hearts of Gold.....	10	20	70	2 25
Delicious Gold-lined Rocky Ford.....	10	20	70	2 50
Rocky Ford (Green Fleshed).....	10	20	70	2 50
Pink Pearl.....	10	25	90	3 00
Cassaba (Hybrid).....	10	25	90	3 00
All Other Varieties.....	10	20	65	2 15
MUSTARD All Mustard Seed postpaid				
Giant Southern Curled.....	10	15	40	1 25
Tendergreen or Mustard-Spinach.....	10	15	40	1 00
ONION SEED All Onion Seed postpaid				
Bermuda (Yellow).....	10	40	1 35	4 00
Bermuda (White).....	10	40	1 35	4 00
Silverskin.....	10	40	1 35	4 00
Sweet Spanish.....	10	40	1 35	4 00
All Other Varieties.....	10	35	1 20	3 50
ONION SETS				
Bottle or Jug.....	\$0 17	\$0 65	\$4 10	
Ebenezer.....	17	65	4 10	
Red Wethersfield.....	17	65	4 10	
Silverskin.....	17	65	4 10	
Yellow Globe Danvers.....	17	65	4 10	
Potato or Hill set.....				
Market prices				
Onion Sets Shipped at buyer's risk. Add postage, first pound 20 cts. and 5 cts. for each additional pound				

## MUSTARD

Seed may be sown in spring or fall, an ounce to 100 feet of row. Thin to 6 inches apart, in rows 18 inches apart.

**Giant Southern Curled.** 35 days. Popular in the South, especially for late sowing. Yellowish light green leaves with curled edges.

**Mustard-Spinach (Tendergreen).** 45 days. Leaves narrow, dark green. Since plants are slow to send up seed-stalks, it can be grown in hot as well as cool weather. Desirable for home gardens.

## ONIONS

Start seed indoors and set out the young plants in rich, well-drained soil, after frost is past. They should be spaced 4 inches apart, with 18 inches between rows. An ounce will sow 100 feet of drill.

**Bermuda, Yellow.** 93 days. Straw-colored skin and pure white flesh.

**Bermuda, White.** 95 days. White skin and flesh.

**Bottle or Jug.** 100 days. Bulb long, narrow, light-colored and mild.

**Ebenezer or Japanese.** 100 days. Flat bulb with yellow skin and white flesh. Keeps well.

**Large Red Wethersfield.** 100 days. Bulbs flattened, thick, with purplish red skin and white flesh. Does well on poor land. Good keeper.

**Prizetaker.** 105 days. Extra-large bulb with yellow skin and white flesh. Can be grown to large size from seed.

**Silverskin.** 105 days. White skin and flesh; mild flavor. A fine table variety, also used for seed and pickling.

**Sweet Spanish.** Globe-shaped, with small neck. Skin golden yellow; flesh of mild flavor.

**Yellow Globe Danvers.** 110 days. Medium large, round, solid. Coppery yellow skin and white flesh; small neck. A well and favorably known Onion.

## OKRA

Plant after the ground is warm and dry, and space the seed 6 inches apart in the row. Thin to 18 inches apart. An ounce sows 50 feet of row.

**Dwarf Green Long-pod.** 50 days. Compact plant 2 to 3 feet high, producing dark green pods that remain in good condition until fully matured.

## PARSLEY

Soak the seed overnight before planting, to hasten germination. Cover it lightly and protect with bags. An ounce sows 200 feet of row.

**Moss Curled.** 70 days. Finely cut, dark green leaves, used for garnishing and flavoring. Grows about 8 inches high.

**Plain or Single.** 70 days. Leaves deeply cut, dark green and flat. Very hardy.



ONION, Yellow Globe Danvers





## PEAS

Plant the seed an inch deep and an inch apart in rich, well-drained soil in early spring, and every two weeks after that until June for a succession. Sow it in double rows 6 to 8 inches apart, and the rows 2 to 3 feet apart. Smooth-seeded varieties may be planted as soon as the soil is workable, but wrinkled-seeded kinds should not be planted until the ground is warm. A pound of seed sows 100 feet of drill.

### Bush Varieties

**AA-15.** 56 days. A new early sweet type of Pea, which is replacing Alaska in many sections. Regarded as superior in quality. Vine 28 inches high, slender, slightly yellow-green. Pods  $2\frac{3}{4}$  inches long, light green, slender and straight. Seed wrinkled.

**American Wonder.** 60 days. Short pods well filled with tender, wrinkled Peas. Height 1 ft.

**Blue Bantam.** 60 days. Market-gardener's variety. Well-filled pods holding 8 to 10 Peas. Very productive and strong growing. Height 15 in.

**Dwarf Gray Sugar.** 62 days. Heavy producer of broad flat pods which are delicious when cooked. Seed brown and wrinkled. Height 2 ft.

**Early Alaska.** Wilt-resistant. 58 days. Round dark green pods containing 5 to 8 smooth, tender Peas. Height  $2\frac{1}{2}$  to 3 ft.

**Early Bird.** 60 days. Pods deep green, rather broad, containing 8 or 9 large, semi-wrinkled green Peas. Fine for the home garden. Height 20 in.

**Laxton's Progress.** 64 days. Vines  $1\frac{1}{2}$  feet high, bearing heavy crops of large pods, holding from 8 to 10 wrinkled Peas.

**Little Gem or Marvel.** 62 days. Vines 15 inches high, bearing round pods in pairs. Large, deep green, wrinkled Peas. Heavy producer.

**Nott's Excelsior.** 62 days. A popular medium-early wrinkled Pea of excellent quality. Height 14 in.

### Pole Varieties

**Champion of England.** 82 days. Long pods containing large, green wrinkled Peas. Height  $4\frac{1}{2}$  to 5 ft.

**Improved Gradus (Prosperity).** 65 days. Strong plants producing pods of 6 to 8 immense wrinkled Peas. Yields a heavy crop if planted in rich soil. Height 3 ft.

**Mammoth White Sugar.** 74 days. Grows about  $4\frac{1}{2}$  feet. Light green pod, 4 inches long, with large, white, smooth Peas. Wilt-resistant.

**Telephone.** 70 days. Long pods containing 8 to 10 large, green, wrinkled Peas of fine flavor. Height  $3\frac{1}{2}$  to 4 ft.

**Thomas Laxton.** 62 days. Rapid-growing vine, reaching 3 feet. Pods long, well filled to the end with cream-colored, wrinkled Peas. Excellent for the home garden.



PEAS, Laxton's Progress

## PARSNIP

Sow in rows early in the spring and thin to 6 inches apart, with 18 inches between rows. The flavor is improved by leaving the roots in the ground over winter. An ounce sows 200 feet of row.

**Hollow-Crown.** 100 days. Well-flavored, smooth white roots growing 8 to 10 inches long. Largely grown all over the country.

### Freezing Pea

**Freezonian.** 63 days. An All-America Winner. Especially recommended for deep freezing at harvest time, for later use, but is also suitable for immediate cooking. Pod about  $3\frac{1}{2}$  inches long, dark green and blunt. Seed is large and wrinkled. Vine 30 inches high and heavy. Plant is wilt resistant.  
Lb. 35 cts.; 5 lbs. \$1.65; 10 lbs. \$3.10

OKRA	Pkt.	Oz.	¼lb.	Lb.	
Dwarf Green Long-pod (Postpaid)	\$0 10	\$0 15	\$0 40	\$1 25	
PARSLEY					
Both Varieties. (Postpaid) . . . . .	10	15	40	1 25	
PARSNIP					
Hollow-Crown. (Postpaid) . . . . .	10	15	45	1 50	
<i>We do not pay postage on Peas. Add 15 cts. for first pound and 3 cts. for each additional pound</i>					
PEAS, BUSH	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Alaska . . . . .	\$0 30	\$0 55	\$1 20	\$2 20	\$5 00
American Wonder . . . . .	30	55	1 30	2 50	6 00
Dwarf Gray Sugar . . . . .	30	55	1 30	2 50	6 00
AA-15 . . . . .	30	55	1 30	2 50	6 00
Little Gem . . . . .	30	55	1 30	2 50	6 00
All Other Varieties . . . . .	35	65	1 55	2 80	6 50
PEAS, POLE					
Champion of England . . . . .	30	55	1 30	2 50	6 00
Everbearing . . . . .	30	55	1 30	2 50	6 00
All Other Varieties . . . . .	35	65	1 55	2 80	6 50



PARSLEY, Moss Curled





RADISHES

## PEPPERS

Start seed in a hotbed in early spring and transplant the seedlings to the open ground after all danger of frost is past. Set them 18 inches apart each way in land that is not too rich. An ounce of seed will produce about 1200 plants.

**Bull Nose.** 57 days. A standard variety for home or market. Early and very hardy. Green fruits turning scarlet, prolifically produced.

**California Wonder.** 120 days. Very large, heavy, and of excellent quality. The meat is thick, of good flavor and withstands shipping. A good variety for stuffing and serving whole.

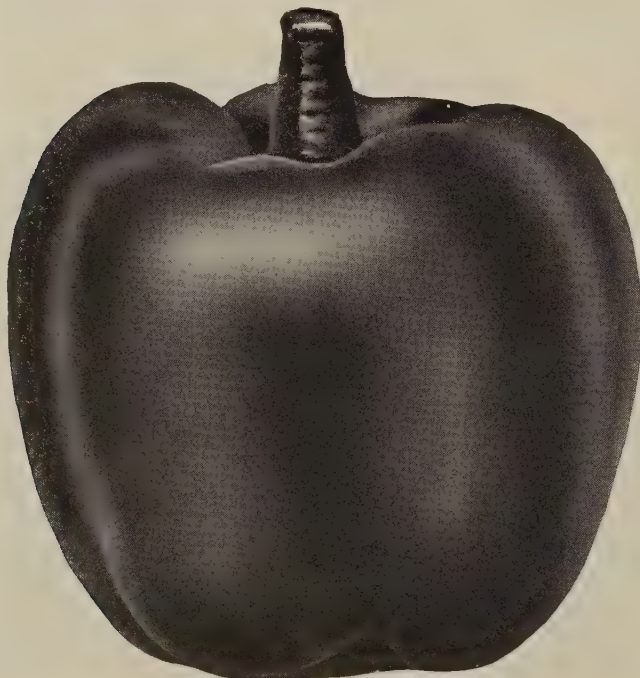
**Chinese Giant.** 130 days. Small plant, bearing very large fruits, deep green turning scarlet. Popular because of its size and mild flavor.

**Long Red Cayenne.** 120 days. A hot variety, Long, slender, pointed and twisted fruits, changing in color from deep green to bright red.

**Pimiento** (Perfection). 130 days. Mild variety with thick flesh, which holds up for a long time. Conical fruits profusely produced.

**Ruby King.** 110 days. Large fruit with sweet flavor and brilliant color.

**Sweet Mountain.** 120 days. Plant grows upright. Large fruits, often 6 inches long and 2 inches thick.



PEPPER, California Wonder

## PUMPKIN

Plant four to six seeds in hills about 8 feet apart, after all danger of frost is past; or interplant it with corn. Thin to three plants to a hill. An ounce will plant 25 hills.

**Cushaw, Green-striped.** 115 days. A crookneck variety. Creamy white skin marked with green. Flesh light yellow, coarse but sweet.

**Cushaw, White.** 112 days. Similar to the preceding but skin pure white. Fruit slightly smaller and with shorter neck.

**Kentucky Field** (Large Cheese). 108 days. Fruits round, slightly flattened, ribbed. Skin creamy buff; flesh yellow, of fine quality.

**King of the Mammoths.** 120 days. Often called "Jumbo" because of its size. Specimens may weigh 100 pounds. Excellent both for pies and feeding stock.

**Little Sugar** (New England Pie). 115 days. Small, round sort with sweet, dry, rich yellow flesh. Ideal for home gardens.

**Tennessee Sweet Potato.** 110 days. Bell-shaped fruit, with white skin striped green, and creamy white flesh.

**Virginia Mammoth.** 115 days. Very large, oval fruits that keep well. Thick flesh.

## RADISH

To be tender and crisp, Radishes must be grown quickly in rich moist soil. Sow the seed in the open ground, at intervals during the summer, for a continuous crop; or under glass from February to October. An ounce of seed plants 100 feet of row.

**China Rose Winter** (Scarlet China Winter). 58 days. Half-long stump with deep rose skin and white flesh. A winter variety that should be planted in July or August, to be dug before frost and stored in the cellar.

**Crimson Giant.** 25 days. Extra-large, globe-shaped Radish 1 to 1½ inches thick, deep crimson outside, with firm white flesh.

**French Breakfast.** 25 days. Oblong form. Scarlet with white tip, mild and tender.

**Long Bright Scarlet.** 35 days. Grows 7 to 8 inches long, brilliant scarlet. One of the best.

**Long White Icicle.** 30 days. Roots 5 to 6 inches long, pure white and mild flavored.

**Round Black Spanish.** 60 days. Another winter variety. Roots 2 to 3 inches thick, with black skin and pure white flesh.

**Saxa.** 22 days. For early forcing. Bright scarlet root with exceptionally small top. Highly recommended.

**Sparkler, White Tip.** 24 days. Globe-shaped root with upper portion carmine-scarlet and pure white tip. Solid, crisp, and sweet.

**White Strasburg.** 40 days. Roots about 1½ inches thick, often reaching 6 inches in length. Smooth, pure-white skin. Stays tender a long time.

## RHUBARB

Set the roots out in the fall, 3 or 4 inches deep and 3 feet apart, in heavily manured ground. Seed should be sown an inch deep in early spring and the seedlings thinned to 6 inches apart, to be moved to their permanent location in the fall. An ounce of seed will produce 500 plants.

**New Pineapple.** Seed, pkt. 10 cts.; oz. 25 cts.; ¼lb. 85 cts., postpaid. Roots, 3 for 60 cts.; \$2.25 per doz., not postpaid.

## RUTABAGA

Plant in the open ground in late spring and thin the seedlings to at least 6 inches apart, in rows 2 feet apart. The roots keep well through the winter. An ounce of seed sows 100 feet of row.

**Improved American Purple-Top.** 85 days. Large roots with yellow skin and purple tops; flesh pale yellow, fine-grained. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. 80 cts.

All Pepper Seed postpaid					
PEPPERS	Pkt.	Oz.	¼lb.	Lb.	
California Wonder.....	\$0 10	\$0 50	\$1 85	\$7 00	
Chinese Giant.....	10	50	1 85	7 00	
Pimiento.....	10	50	1 85	7 00	
Bull Nose.....	10	50	1 75	6 50	
All Other Varieties.....	10	45	1 50	5 00	
All Pumpkin Seed postpaid					
PUMPKIN	Pkt.	Oz.	¼lb.	Lb.	
King of the Mammoths.....	10	20	60	1 90	
Virginia Mammoth.....	10	20	60	1 90	
Little Sugar (Pie).....	10	15	40	1 25	
All Other Varieties.....	10	15	45	1 50	
All Radish Seed postpaid					
RADISH	Pkt.	Oz.	¼lb.	Lb.	
China Rose Winter.....	10	15	35	1 10	
Round Black Spanish.....	10	15	35	1 10	
White Strasburg.....	10	15	35	1 10	
All Other Varieties.....	10	15	30	90	





## SALSIFY (Oyster Plant)

Sow outdoors in early spring in light, mellow soil, thinning to 5 inches apart, in rows a foot apart. May be left in the ground all winter, like parsnips. An ounce of seed sows 50 feet of row.

**Mammoth Sandwich Island.** 120 days. Roots 7 to 8 inches long, with mild, almost white flesh. Good oyster flavor.

## SPINACH

Sow seed outdoors in early spring and at ten-day intervals until late April. For a fall crop, sow in August, and for a winter one, in September or October. Thin the young plants to 4 inches apart, in rows 18 inches apart. An ounce of seed sows 100 feet of row.

**Bloomsdale Long-standing.** 45 days. More heavily crumpled than other varieties. Excellent for late sowing to carry over winter.

**New Zealand (Everbearing).** Not a true Spinach. Large, much-branched, spreading plant produces a succession of small, very thick and fleshy, pointed leaves on round, fleshy stems. Vigorous grower, especially heat and drought tolerant.

**Old Dominion or Virginia Blight-Resistant.** 40 days. Large, dark green, heavily crumpled leaves, crisp and tender. Adapted to fall weather.

## SQUASH

Sow seed in early spring, in hills about 4 feet apart for bush varieties, and 6 to 8 feet for the running sorts. Winter varieties should be stored in a warm place. An ounce of seed plants 25 hills of the summer varieties; 20 hills of the winter kinds.

**Cocozelle Bush.** 60 days. Deep green fruits marked with yellow and green, often 14 inches long, tender and sweet.

**Early White Bush (Pattypan).** 55 days. Fine dwarf sort producing many small white Squashes with scalloped edges.

**Early Yellow Bush Scallop (Golden Cluster).** 60 days. Fruit flat, scalloped, pale yellow.

**Fordhook.** Delicious fruit 8 to 10 inches long, with creamy white skin. Excellent when small or when fully grown.

**Golden Summer Crookneck.** 52 days. Fruit about 1 foot long, bright yellow, with crooked neck.

## Winter Squash

**Banana.** 110 days. Fruits 2½ feet long and 6 inches across. Shell gray-green; flesh yellow, with small seed-cavity.

**Hubbard.** 105 days. Most popular Winter Squash. Fruits hard, with warted green skin and yellow flesh of rich quality.

## TURNIPS

Sow in early spring, and for winter use make another sowing in mid-summer or early fall. Seedlings should be thinned to stand 4 or 5 inches apart in rows 12 to 15 inches apart. An ounce of seed sows 100 feet of row.

**Golden Globe (Amber Globe).** 75 days. Flesh yellow, firm, sweet. Best for table use when 3 to 4 inches in diameter.

**Purple-top Strap-Leaf.** 45 days. Top dark reddish purple, lower portion white; flesh tender and sweetly flavored.

**Purple-top White Globe.** 55 days. Very popular for home and market gardens. Flesh firm, sweet, fine-grained. Globe-shaped solid roots, purple-red above and white below. Keeps well.

**Seven-Top.** 45 days. The tops are used for greens. Very popular and a most palatable food.

**Shogoin.** 45 days. Largely grown in the South, where the tops are used for greens. Small white roots are also edible.

**White Milan.** 40 days. Very early. Medium-sized flat roots with smooth skin and white flesh.

## TOBACCO SEED

**Big Oronoko.** Pkt. 10 cts.; oz. 40 cts.; ¼lb. \$1.25; lb. \$4.00, postpaid.



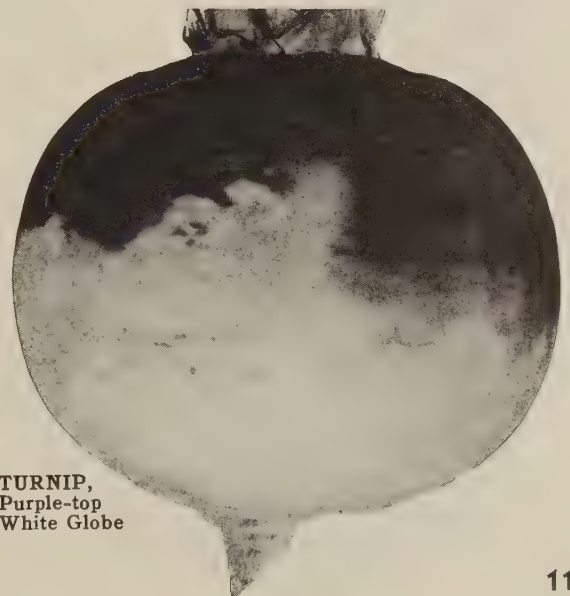
SPINACH, Bloomsdale Long-standing



## All-America Selection 1950 UCONN SQUASH



A bush Table Queen type with important plant structure characteristics, Uconn was developed by Lawrence C. Curtis. Boasts the unique attainment of having been awarded more points than any vegetable so far tested in the All-America Trials. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 85 cts.; lb. \$3.20, postpaid.



TURNIP,  
Purple-top  
White Globe

SALSIFY	Pkt.	Oz.	¼lb.	Lb.
Mammoth Sandwich Island.				
(Postpaid).....	\$0 10	\$0 35	\$1 20	\$4 00
SPINACH				
New Zealand. (Postpaid).....	10	15	40	1 00
All Other Varieties. (Postpaid)..	10	15	35	65
SQUASH				
Hubbard.....	10	20	65	2 00
All Other Varieties.....	10	15	45	1 35
TURNIPS				
All Varieties. (Postpaid).....	10	15	30	80





## TOMATO

Sow seed in hotbeds or flats in February or March; transplant when the plants have four leaves, and when danger of frost is past, set in the open ground. Space the plants at least 3 feet apart each way, and support them with stakes or wires. An ounce of seed will produce about 1500 plants.

**Beefsteak.** 90 days. Wilt-resistant. A main-crop variety for home and market gardens. Fruit large, flat, smooth, bright scarlet.

**Bonny Best, Certified.** 73 days. Standard early, smooth, bright red fruits, ripening to the stem.

**Break o'Day, Certified.** 70 days. Wilt-resistant. Early and extremely productive. Fruits large, smooth, globe shaped, bright red. Desirable for both home and market use.

**Clinton Hybrid.** Midseason, very productive. True first generation Hybrid. Plants are large, vigorous, with dense foliage which protects fruits from sun-scald. Fruit large. Will outyield most open-pollinated. 30 seeds for 35 cts.

**Early Detroit.** 82 days. Fruit nearly globe-shaped, firm, purplish pink. Vigorous, productive vines.

**Golden Jubilee.** 72 days. Fruits bright orange-yellow, globular, thick-walled. Shape and quality excellent. Mild flavor; makes delicious juice.

**Greater Baltimore.** (Cert. Ind. Strain.) 83 days. Wilt-resistant. A superb second-early and main-crop Tomato. Fruit red. Preferred by canners, because of quality.

**John Baer.** 73 days. Bright red, smooth, even-ripening fruit. Heavy yielder and extra early.

**June Pink.** 60 days. The earliest pink variety and in demand on many markets.

**Marglobe Certified.** 77 days. A highly recommended variety that bears for a long time. Strong, healthy plants bear beautiful red fruits, meaty and acid-free.

**New Stone.** 86 days. Standard main-crop sort. Fruit oval, solid and smooth.

**Ponderosa, Improved.** 88 days. One of the largest Tomatoes. Fruit solid, smooth, and of good quality. Desirable for home use.

**Pritchard or Scarlet Topper.** 73 days. A recent disease-resistant introduction. Fruit large, smooth, almost round, and carrying the bright scarlet color clear to the stem end. Flesh deep red, with few seeds and no core.

**Rutgers Certified.** 73 days. Like Marglobe in shape. Ripens from inside out; small seed-cavity, few seeds. Good cropper, excellent for home gardens and for canning.

**Southland.** About 75 days. A brand-new strain, although similar in appearance and other characteristics to Marglobe and Rutgers. Its chief virtue is that it has proved to be almost entirely immune to blight, after some seven years of breeding and testing.

**Sparks' Earliana.** 66 days. The original variety, and a great favorite with all growers. Fruit rich scarlet-red, solid, and of good quality.

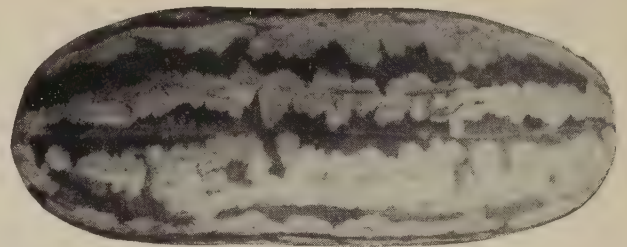
**Stokesdale.** This heavy-producing Stokesdale has proved to be a valuable second-early Tomato for market or for canning. It will mature one week earlier than Marglobe.

**Yellow Pear.** Small, yellow, pear-shaped fruits.

**Yellow Ponderosa.** Fruits in clusters of 3 to 5, large, somewhat flattened; skin and flesh yellow.



TOMATO,  
Marglobe Certified



WATERMELON, Congo

## WATERMELON

Grown like muskmelons, but the hills should be 8 to 10 feet apart. An ounce of seed plants 30 hills.

**Blacklee.** 90 days. A new variety bred for wilt-resistance. Long, oval in shape; dark green rind. Crisp, sweet flesh, brilliant red with few black seeds. Average weight is 35 pounds but specimens sometimes weigh 50 to 60 pounds. Fine texture, free from stringiness. Excellent shipper and keeper.

**Congo.** A new variety developed in 1947 at Regional Vegetable Breeding Laboratory of U.S.D.A. at Charleston, S. C. Bred mainly for shipping and resistance to anthracnose. The only variety known to fully resist this disease. Resembles Garrison in size and shape, with equal quality and somewhat darker color.

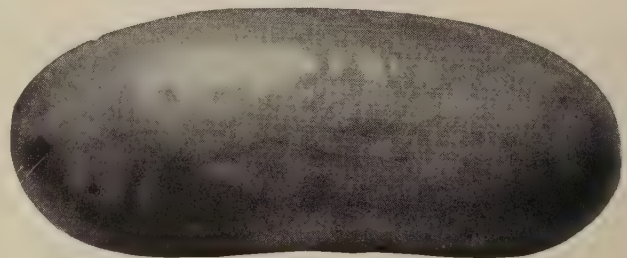
**Dixie Queen.** 85 days. A new variety. Oval-round melon with light green rind striped dark green, often weighing 30 pounds. Flesh bright red, finely flavored. Uniform in size and quality.

**Florida Favorite.** 87 days. Fruits long, with dark green mottled skin. Very sweet, bright red flesh, firm and juicy. Excellent for home and market.

**Florida Giant (Cannon Ball).** 90 days. Vigorous, very productive vines with nearly round, dark green fruits, averaging 40 pounds each. Flesh is red, firm, and of excellent quality. Ships well. Like Blacklee, it is comparatively new and has become very popular in the last couple of years.

**Improved Kleckley Sweet No. 6.** 88 days. Wilt-resistant. An improvement on the older variety because of its resistance to fusarium wilt. Rich red flesh and white seeds. Quality and flavor equal to any other melon.

**Stone Mountain Improved No. 5.** 85 days. Wilt-resistant. Developed from Stone Mountain and has proved to be resistant to fusarium wilt. Resembles its parent in every respect except that it is smaller.



WATERMELON, Blacklee

TOMATO. All Tomato Seed Postpaid	Pkt.	Oz.	1/4lb.	Lb.
Yellow Pear.....	\$0 10			
Golden Jubilee.....	10	\$0 90		
Yellow Ponderosa.....	10	90	\$3 00	
Southland.....	10	1 00	3 50	\$12 00
Beefsteak.....	10	75	2 75	10 00
Ponderosa.....	10	75	2 75	10 00
June Pink.....	10	50	1 85	6 75
Rutgers Certified.....	10	40	1 25	4 50
John Baer.....	10	60	2 00	7 50
Early Detroit.....	10	45	1 65	5 50
Break o'Day.....	10	45	1 65	5 50
All Other Varieties.....	10	40	1 25	4 00

### WATERMELON. All Watermelon Seed Postpaid

Congo.....	10	40	1 35	5 00
Tom Watson.....	10	20	60	1 50
Garrison (Darlington).....	10	30	90	3 25
Blacklee.....	10	20	60	2 00
Dixie Queen.....	10	20	60	2 00
All other varieties.....	10	20	60	1 50





# SEED POTATOES MAINE-GROWN (CERTIFIED)

Maine-grown seed Potatoes are now almost universally used in this area. Only a very few planters use locally grown Potatoes for seed. Results over many years have demonstrated that it pays to buy either Certified or Select Maine stock each year. The net difference in cost is small when compared with average results. Frequently it means the difference between a good crop and total failure.

**Chippewa.** An origination of the U. S. Department of Agriculture which has consistently yielded higher than Irish Cobbler and Green Mountain in official tests from Maine to Florida. A smooth, light-skinned variety with shallow eyes.

**Green Mountain.** A heavy producer on almost any soil, but does especially well in the northern sections where there is plentiful rainfall. Smooth, oval, white-skinned tubers, uniformly large in size.

**Irish Cobbler.** The standard early white Potato on all markets, and continues to lead all others in demand. White-skinned, smooth, round, thick tubers, ready about 10 days earlier than Early Rose. Vigorous vines, not so much affected by blight or drought as most.

**Katahdin.** This comparatively new variety has gained wide popularity in recent years. A smooth, oval, white variety with shallow eyes, making a fine appearance. A heavy producer doing best on light soil; should not be planted on heavy soil subject to drought. It is without a doubt the best cooking Potato on the market.

**Red Bliss or Bliss Triumph.** A heavy yielder of mature Potatoes for table use at the earliest possible date. Sometimes called the "Six-weeks Potato."

**Sebago.** A new blight-resistant Potato originated by the Maine Experiment Station, from a cross between Chippewa and Katahdin. It is a late-maturing variety comparable to Green Mountain in both quality and yield.

**Spaulding Rose.** Should not be confused with the old "early" Rose. This is a late, red-skinned variety. Tubers are large, smooth, and of excellent quality.

## FROST-PROOF CABBAGE PLANTS



BERMUDA ONION PLANTS

## Frost-Proof Cabbage Plants

Available as Weather Conditions Dictate.

	At Store	Postpaid
50 Plants.....	\$0 25	\$0 40
100 Plants.....	45	65
200 Plants.....	85	1 10
500 Plants.....	2 00	2 30
1000 Plants.....	3 80	4 30

### Shipped Only at Buyer's Risk

Southern-grown frost-proof Cabbage plants are far superior to hotbed or coldframe plants for early planting, and cost less than one-half as much. *Home-Grown in Season*

**Cabbage and Tomato. Sold only at our store, at market prices.**

## Bermuda Onion Plants

	At Store	Postpaid
100 Plants.....	\$0 25	\$0 35
200 Plants.....	45	55
500 Plants.....	1 00	1 30
1000 Plants.....	1 90	2 25

These hardy plants will save time for you in the garden. Set them out early in the spring, 4 inches apart in rows 1½ feet apart. By ordering early you will be sure to have the plants before warm weather.

(Safe delivery of plants by mail not guaranteed.)



## Germaco Hotkaps

Help you have SURE CROPS 3 weeks earlier

Mature your crops two to three weeks earlier. Get premium prices and bigger yields by protecting your plants with HOTKAPS, patented wax paper cones—miniature hothouses—that keep out frost, rain, wind, birds and insects. They maintain a perfect mulch around each plant, promoting sturdy growth.

Protect crops. Save work and worry.

Millions of HOTKAPS are used every season. Inexpensive to buy. One man can set out 2000 or more per day.

	Ppd.	Not ppd.
Roll of 1000 Kaps.....	\$15 30	\$14 65
Roll of 250 Kaps.....	4 85	4 65
Roll of 100 Kaps.....	2 95	2 75
Roll of 25 Kaps.....	80	70

### POTATOES, Certified Stock.

All Potatoes F.O.B. here.

Price subject to market changes.	Pk.	Bus.	100-lb. Bag	5-Bag Lots per bag
Chippewa.....				
Green Mountain.....				
Irish Cobbler.....			ASK	
Katahdin.....				
Red Bliss (Six Weeks).....			FOR	
Sebago.....				

### POTATOES, Select Stock

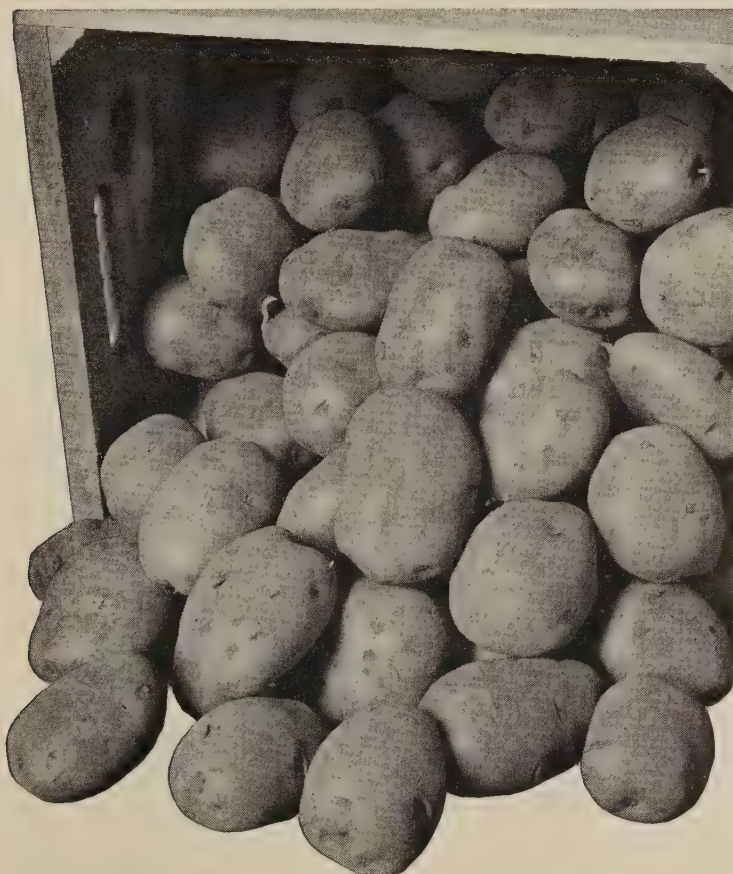
Spaulding Rose.....  
Maggie Murphy (If available)...

### POTATOES, No. 2 Certified.

Irish Cobbler  
Green Mountain  
Katahdin

At market price, if available

PRICES







# Outstanding Annual Flowers



Petunia, Fire Chief

## PETUNIAS

A favorite for bedding and for use in window-boxes. Blooms from early summer to late fall. Many different types have been introduced, of which we offer some good representatives.



### All-America Sweepstakes



Gold Medal Winner for 1950

## Petunia, Fire Chief

The reddest Petunia you've ever seen! Dwarf habit; free-blooming Hybrids Nana Compacta type. Brilliant color. See back cover for color illustration.

All-time point winner since All-Americas were founded and overwhelming choice of 20 judges. Fire Chief is the only winning flower for 1950. Pkt. 25 cts., postpaid.

**Balcony.** Long, sprawling plants 18 inches high. Single flowers 3 inches across, especially good for window-boxes. Mixed colors—white, rose, and blue. Pkt. 10 cts.

**Giants of California.** Mixed colors in a variety of lovely shades, with pronounced yellow throats. Pkt. 20 cts.

**Heavenly Blue.** Silvery blue flowers on a compact plant. Free bloomers. Pkt. 10 cts.

**Martha Washington.** Ruffled blush-pink flowers with red veinings; open center, with a violet throat. Dwarf plant only 9 inches high. Pkt. 20 cts.

**Rose Gem.** Miniature flower only 2 inches in diameter, of deep rich rose color. Compact, 6-inch plants, blooming freely. Pkt. 10 cts.

**Rosy Morn.** Rose-colored blooms with a white throat. Plant a foot tall. Pkt. 10 cts.

**Hybrid Varieties in Wide Mixture.** Pkt. 10 cts.

## LARKSPUR

**Giant Imperial.** Base-branching type producing long bloom spikes. Mixed colors—light and dark blue, carmine, pink and white. Pkt. 10 cts.

**Giant Imperial, Lilac King.** All-America Selection, 1942. Fully double flowers of a clear lilac shade on spikes that are ideal for cutting. Very upright plants. Pkt. 10 cts.

**Pink King.** Soft salmon-rose, fine for cutting. Pkt. 10 cts.

## NASTURTIIUMS

A popular annual for bedding, producing bright-colored blooms over a long period. Colorful and dependable, it will thrive and bloom freely even in poor, sandy soil if given a sunny location. Sow outdoors in April or May.

**Golden Gleam.** Very similar to Scarlet Gleam, except that it is yellow. Pkt. 10 cts.; oz. 35 cts.

**Scarlet Gleam.** Dazzling, fiery scarlet. Pkt. 10 cts.; oz. 20 cts.

**Dwarf, Single Varieties, Mixed.** Pkt. 10 cts.; oz. 25 cts.

**Tall, Single Varieties, Mixed.** Trailing plants reaching a height of 5 feet. Good for fences, stumps and stone-piles. Pkt. 10 cts.; oz. 25 cts.

## SWEET PEAS

Dainty flowers of surpassing fragrance. Plant early in spring in rich soil, and give the plants support when they reach a height of 8 inches. Provide plenty of moisture in the growing and blooming season.

**Spencer's Early Hybrid Mixture.** A mixture of the newest and brightest colors. Fine for planting under glass, but also for the garden. Pkt. 10 cts.; oz. 20 cts.; 2 ozs. 35 cts.; ¼ lb. 60 cts.

**Special Mix.** A good mixture. Pkt. 10 cts.; oz. 15 cts.; 2 ozs. 25 cts.; ¼ lb. 40 cts.

## ASTERS

For massing in the garden and for cutting, Asters furnish most attractive flowers in late summer and fall. Bonemeal rather than barnyard manure is recommended as a fertilizer. Be particular not to plant Asters two successive years in the same location.

**Giants of California, Improved.** Huge flowers like Chrysanthemums, borne on long stems from late summer to frost. Mixed colors. Pkt. 10 cts.

**Los Angeles.** Large, double, shell-pink flowers on plants 2½ feet high. Pkt. 10 cts.

**Super-Giant El Monte.** Fluffy flowers 6 inches across, of deep glowing crimson. Blooms early; plant 2½ feet tall. Pkt. 10 cts.

## Wilt-Resistant Strains

These strains are successful where other types of Asters fail to bloom.

**Giant Branching Comet.** Large blooms in fine mixed colors. Pkt. 10 cts.

**All Wilt-Resistant Varieties, Mixed.** Pkt. 10 cts.



ASTER, Giants of California, Improved





## Outstanding Annual Flowers



### MARIGOLDS

One of the most dependable plants for the summer garden. Easy to grow, they furnish plenty of color in brilliant shades of yellow, orange, and maroon. Many varieties make excellent cut-flowers.

**Chrysanthemum-flowered.** Large chrysanthemum-like blooms. Pkt. 10 cts.

**Double African.** Large, globular flowers in mixed colors. Tall plants, reaching 2½ feet. Pkt. 10 cts.

**Dwarf French, Monarch Strain.** A highly selected strain of double flowers in shades of mahogany, striped or edged golden yellow. Very floriferous. Pkt. 10 cts.

**Dixie Sunshine, Double.** Fully double, rich golden yellow flowers 2 to 3 inches in diameter. Plant 4 to 6 feet tall; luxuriant foliage. Pkt. 10 cts.

**Guinea Gold.** Brilliant golden orange, semi-double and double blooms with ruffled petals. Good for cutting. Plants 2 to 2½ feet high. Pkt. 10 cts.

**Scarlet Glow.** All-America Selection, 1941. Dwarf double French variety of deep scarlet. Plant grows about 10 inches high, with a spread of 18 inches. Blooms ten weeks from seed. Pkt. 10 cts.

**Sunset Giant.** Sweet-scented, huge yellow blooms of loose form with a full center, making a very deep flower. Plant 3½ feet tall. Pkt. 10 cts.

**Yellow Supreme.** Fragrant, rich yellow flowers 3 inches across. Fluffy, and carnation-like in form, with broad, loose, frilled petals. Vigorous and free branching. Pkt. 10 cts.

### Du Pont Fermate X

A fungicide highly effective against many fungi, safe on a wide range of plants, and particularly useful in the control of certain rose diseases. Can be used as a dust or spray. 8 ozs. 75 cts.

### Du Pont Floral Dust

For the control of many insects and diseases of flowers. Contains rotenone and methoxychlor for the control of insects, and sulphur and Fermate for control of diseases. Lb. \$1.15; 4 lbs. \$3.50.



### Du Pont Vegetable Garden Dust

A combination product which controls most common garden insects and diseases at the same time. Contains methoxychlor, deadly to most sucking and chewing insects; rotenone, another basic insecticide which controls many insects; Parzate, a fungicide for controlling many fungous diseases on vegetables. Lb. \$1.15; 4 lbs. \$3.50.



### HUMAGRO

(Formerly, Humex)

Just what the name implies—a humus substance made from organic matter. No filler has been added. Contains nitrogen, phosphorus and potash, with trace elements of 20 minerals that promote luxuriant plant growth. Since no chemicals have been added, no claim is made about their respective percentages.

As is the case with all humus substances Humagro retains moisture and mellows or loosens the soil, preventing it from hardening. Makes an excellent mulch for roses, African violets, in fact, for any plant—flower, vegetable, shrub or lawn. Especially good for potting or repotting house or outdoor plants. In fact, this is just what flower fanciers have long desired. 2½ lbs. 41 cts.; 10 lbs. \$1.08, plus postage if mailed.



### Du Pont Fermate

A safe, non-caustic fungicide. Effective on a wide range of plants and compatible with most insecticides. 8-oz. can 75 cts.; 3-lb. bag \$2.40, case (12 3-lb. bags) \$27.00.

### PANSIES

An old-time flower that will never lose its charm. Seed may be sown in August or September to produce flowers the next year, or it may be started indoors in February and transplanted outdoors later the same season. Choose a sunny, well-fertilized place.

**Engelmann's Giants.** Vigorous, compact plants, blooming early. Huge flowers in both light and dark shades. Pkt. 10 cts.

### ZINNIAS

Indispensable where showy, continuous color is wanted in the summer garden. The many types and colors provide an almost unlimited range, some of them very desirable for cut-flowers.

**California Giants, Mixed.** Large flower of compact form, with the petals lying flat. Wide color-range. Plant 2½ feet high. Pkt. 10 cts.

**Dahlia-flowered, Mixed.** Flowers resemble the Show Dahlia in form; wide color-range. Plant 2½ feet tall. Pkt. 10 cts.

**Fantasy.** Blooms 3 inches across, of golden yellow, with very shaggy petals. Blooms in six to seven weeks from seed. 2½-foot plant. Pkt. 10 cts.

**Fantasy, Stardust.** All-America Selection, 1937. Informal type with shaggy, deep yellow petals. Pkt. 10 cts.

**Scabiosa-flowered, Mixed.** Tufted center with a collar of wide petals. Mixed colors—orange, yellow, dull red, carmine and other shades. Pkt. 10 cts.

**Tom Thumb, Mixed.** Showy little flowers of red, orange, yellow, pink, and rose, on 4 to 6-inch plants. Excellent for pots, borders, and the rock-garden. Pkt. 10 cts.



MARIGOLDS, Double African





# General List of Annuals

Each, pkt. 10 cts.

**African Daisy (Aretotis).** Daisy-like flowers from July to frost. Fine for cutting. 2 ft. Special mixture.

**Ageratum, Dwarf Compact, Blue Cap.** A fine dwarf bedding plant 4 inches high, with heads of lavender-blue flowers. Plant in full sun or half-shade.

**A., Blue Perfection.** Large heads of deep blue flowers. 9 in.

**Alyssum, Sweet.** Fragrant masses of pure white bloom. An excellent dwarf plant for borders and window-boxes.

**A., Violet Queen.** Flowers bright violet, on a 4-inch plant.

**Bachelor's Button (Centaurea).** Long-stemmed flowers fine for cutting, doing well in any soil. Double varieties, mixed.

**Balsam, Rose-flowered.** Bushy plant 2 to 3 feet tall, that is easily transplanted. Showy flowers produced in clusters. Plant in rich soil, in a sunny location, and give plenty of water.

**Calendula, Orange Shaggy.** Brilliant orange blooms with deeply fringed petals. 1½ ft.

**C., Double Varieties, Mixed.** Shades of yellow and orange.

**Calliopsis bicolor.** A daisy-shaped flower that is good for cutting. Yellow, with a garnet eye. 10 in.

**Candytuft (Iberis).** Fragrant trusses of white bloom. Needs plenty of water.

**C., Mixed Varieties.** Rose, pink, lilac shades.

**Canterbury Bells, Annual.** Bell-shaped flowers on long spikes. Mixed colors—pink, blue and white.

**Carnation, Chabaud's Giant Double Improved.** A fine strain, spicily fragrant. Mixed colors.

**Castor Bean (Ricinus).** Tropical-looking plants with ornamental foliage. Reaches 6 to 10 feet in height. Mixed varieties.

**Centaurea, Jubilee Gem.** Cornflower. Double, vivid dark blue blooms on a 12-inch plant fine for edging. Foliage bright green.

**Chinese Woolflower (Celosia childsi).** Glove-shaped heads of flowers on a 2 to 3-foot plant. Mixed colors.

**Chrysanthemum, Annual.** Double varieties, mixed.

**Clarkia elegans.** Choice double varieties in a wide range of color. Likes some shade.

**Cleome (Spider Plant), Pink Queen.** Large flower head of clear pink. 4 ft.

**Cockscorn (Celosia cristata).** Flat velvety heads of bloom, often cut and dried for winter decoration. Mixed shades.

**Coleus, Choice Mixed.** Showy foliage plant.

**Cosmos, Crested.** Extra early, beginning to bloom in July. Double; mixed colors. 2½ ft.

**C., Mammoth-flowering.** Extra early, blooming before frost. Choice mixture. 4 ft.

**C., Orange Flare.** Single flowers, bright orange in color, produced in July on long stems. 4 ft.



CENTAUREA, Jubilee Gem

Let the flowers in your garden symbolize our way of life. Keep 'em blooming!



ZINNIA,  
Dahlia-flowered

**Dianthus, Double, Mixed.** Chinese Pink. Large loose flower clusters. Long blooming season.

**Dusty Miller (Centaurea).** White-foliaged plant for edging.

**Forget-me-not (Myosotis).** Favorite blue-flowered plant fine for use as a ground-cover

**Four o'clock (Marvel of Peru).** Red, yellow, and white, mixed. Erect, bushy plants 2 feet high.

**Gaillardia picta.** Daisy-like flowers in mixed colors. Grows in any soil. 1½ to 3 ft.

**Godetia, Double Azalea-flowered.** Showy flowers in long spikes, in shades of pink, mauve, rose, etc. Dwarf.

**Gypsophila, (Baby's-Breath), London Market Improved.** Large pure white flowers.

**Heliotrope (Cherry Pie).** Fragrant clusters of bloom in mixed colors—violet, purple and white. Very free flowering.

**Lobelia gracilis.** Trailing plant with light blue flowers.

**Phlox, Large-flowering Annual Varieties, Mixed.** Large heads of bloom in choice colors. Branching plants 1 to 1½ feet tall.

**Poppy, Single American Legion.** Orange-scarlet, on long stems.

**P., Double Shirley.** Mixed colors. 2½ ft.

**P., Single Shirley.** Mixed colors; large, silky petals.

**Portulaca, Mixed (Sun-Plant).** Single blooms in bright, cheerful colors. A fine ground-cover for dry sunny places.

**Salpiglossis, Mixed (Painted-tongue).** Gay funnel-shaped flowers striped with gold, rose, scarlet and white. Plant in full sun. 2 ft.

**Salvia, Scarlet.** Looks well when planted in front of masses of dark foliage.

**Snow-on-the-Mountain (Euphorbia).** Showy foliage plant with masses of green leaves striped with white.

**Stock, Large-flowering Ten-Weeks.** Dwarf. Spikes of fragrant bloom in mixed colors.

**Strawflower.** Heads of little flowers often dried for winter decoration.

**Verbena, Large-flowering Hybrids, Mixed.** Good bedding plant. 1½ ft.



Fulton's Plantabbs provide rich, balanced, complete food stimulating Vitamin B in odorless, convenient tablets. Use them for beautiful gardens and lovely house plants. Will largely increase the yield from vegetable gardens. Box of 10 tablets 10 cts.; 30 tablets 25 cts.; 75 tablets 50 cts.; 200 tablets \$1.00; 1000 tablets \$3.50, post-paid.





# Select Perennial Flower Seed

Each, pkt. 10 cts.

Most hardy perennials grow readily from seed sown in the open ground from May to September. Seedlings should be transplanted after forming three or four leaves. They may be set in their permanent place and protected lightly the first winter, or they may be wintered over in a coldframe. Many of them will start to bloom before the annuals in the spring. Keep the dead flowers cut off to encourage more bloom.



COLUMBINE, Mrs. Scott Elliott's Long-spurred Mixture

By raising your own plants from seed, you can have a hardy perennial border at little cost. Perennials are the mainstay of the garden, and their ease of maintenance is especially appreciated.

**Alyssum, Gold Dust.** Yellow flowers in May on a 9 to 12-inch plant. For edging and the rock-garden.

**Anemone, St. Brigid (Windflower).** Double; mixed colors.

**Arabis alpina (Rock-Cress).** White flowers in April and May. Plant a foot high, for edging and the rock-garden.

**Armeria formosa.** Dense heads of pink bloom. A rock-garden plant a foot tall.

**Candytuft, Queen of Italy.** Masses of rosy lilac flowers. Shrubby plant with glossy green foliage.

**Canterbury Bells (Cup-and-Saucer).** Good border plant. Finest mixed colors.

**Chrysanthemum mawi.** Pink flowers and silvery foliage. Border and rock-garden plant a foot tall.

**Columbine, Mrs. Scott Elliott's Long-spurred Mixture.** A well-known strain.

**C., Rocky Mountain.** Long-spurred flowers of violet-blue and white. 2 ft.

**Coreopsis lanceolata grandiflora.** Single yellow flowers on long stems for cutting.

**Delphinium, Blackmore & Langdon's Strain.** Magnificent spikes of bloom in mixed shades.

**D., Mixed Hybrids.** Fine for the back of the border.

**Foxglove (Digitalis).** Thimble-shaped flowers, spotted inside, hanging on 3 to 4-foot spikes. For the border. Mixed colors.

**Gaillardia grandiflora.** Large, single, daisy-like flowers in shades of red and bronze. Fine cut-flower from July to frost.

**Geum, Lady Stratheden.** Large, double golden yellow flowers. 1½ ft.

**G., Mrs. Bradshaw.** Scarlet. 1½ ft.

**Gypsophila paniculata.** Double white flowers. 3½ ft.

**Hollyhock, Double Varieties, Mixed.** A stately old-fashioned favorite for the back of the border. 6 to 9 ft.

**H., Single Mixed.** A good mixture of colors.

**Lupines, Mixed.** Graceful spikes of blue and pink flowers. They grow best in rich soil without any lime.

**Mexican Firebush (Kochia) or Summer Cypress.** Feathery little bushes of green, turning crimson. 2½ ft.

**Mignonette (Reseda).** Very fragrant; special mixture.

**Mourning Bride (Scabiosa).** Large flowers on long stems. Fine for cutting from June to September.

**Nierembergia, Purple Robe.** Very fine for edging and rock-gardens.

**Nigella (Love-in-a-Mist).** Double, blue and white blooms; feathery foliage.

**Painted Daisy (Chrysanthemum carinatum).** Mixed colors; flowers 3½ inches across.

**Phlox decussata.** Brilliant heads of flowers make a colorful display in the hardy border in late summer. 3 ft.

**Poppy, Oriental (Papaver orientale).** Large, bright blooms in mixed shades.

**Pyrethrum (Feverfew).** Single and double varieties in mixed colors, in May and June. Plant in rich soil in a sunny location.

**Scabiosa, Imperial Giant, Blue Moon.** All-America Selection. Double; deep lavender-blue. 3 ft.

**S., Peace.** All-America Selection, 1941. Beautiful pure white.

**Shasta Daisy, Conqueror.** Pure white blooms freely produced in July. Plant in the sun in rich soil. 3½ ft.

**Snapdragon, Rustproof, Mixed.** Many colors.

## SEEDS OF ANNUAL CLIMBERS

Each, pkt. 10 cts.

**Balloon Vine.** A rapidly growing annual climber producing white flowers, followed by inflated seed-pods.

**Canary-bird Vine.** Small, fringed bright yellow blooms.

**Cathedral Bells (Cobaea; Cup-and-Saucer Vine).** Purple and white bell-shaped flowers. Grows as much as 30 to 50 feet in a season.

**Cypress Vine.** Brilliant scarlet, star-shaped flowers 1½ inches long. Delicate, fern-like foliage.

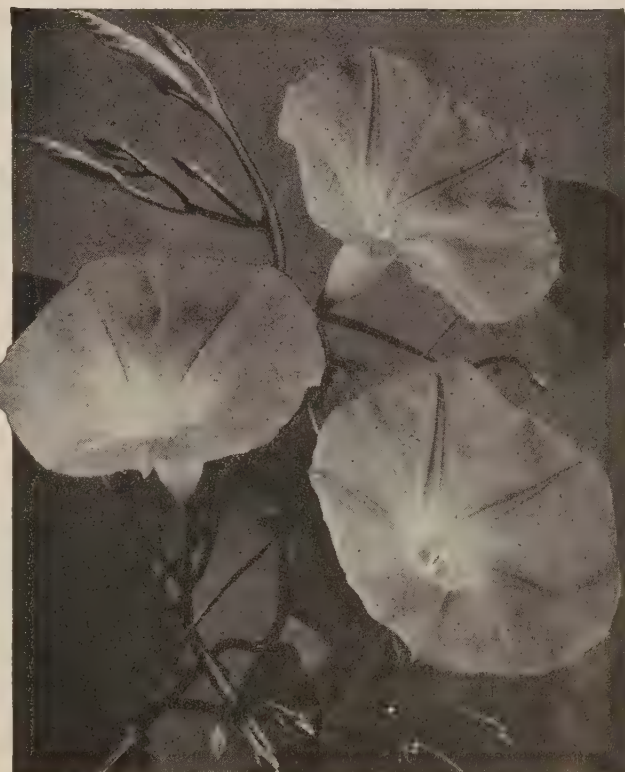
**Kudzu Vine.** Rosy purple flowers in August. Large foliage.

**Morning-glory, Heavenly Blue.** Shining sky-blue flowers.

**M., Scarlett O'Hara.** Carmine.

**M., Imperial.** Very large blooms in mixed colors. Sow in the open ground when the weather has become warm.

**Scarlet Runner Bean.** Bright red, pea-like flowers followed by pods of beans that are red when dry. Rapid grower.



MORNING-GLORY, Heavenly Blue





# Wetzel's Roses and Shrubs

Ready About April 1

If Ordered By Mail, Add for Postage and Packing: 25 cts. each; 2 plants 35 cts.; 3 plants 40 cts.; 5 plants 50 cts.



ROSE,  
Peace

## Patented Roses (Gold Wrapped)

**Mission Bells.** A constantly blooming Rose. Medium-sized, pointed buds of salmon-pink; well-formed flowers. Good bushy plants. \$2.25 each.

Following Varieties: \$2.00 each;  
3 for \$5.50; 5 for \$8.75

### MONTHLY BLOOMING

**Capistrano.** Cherry-red to pink.  
**Diamond Jubilee.** Buff-orange.  
**Forty-niner.** Bicolor.  
**New Yorker.** Velvety scarlet.  
**Peace.** Soft yellow.

### CLIMBING

**Cl. Peace.** Climbing form of Peace with same excellent flowers of soft yellow, tinted pink.

Following Varieties: \$1.80 each; 5 for \$8.50

### MONTHLY BLOOMING

**American Flagship.** Crimson-red, shaded oxblood.  
**Countess Vandal.** Two-tone, pink to yellow.  
**Crimson Glory.** Deep, vivid crimson.  
**Katherine T. Marshall.** Sparkling pink.  
**Mirandy.** Lovely maroon.  
**Rex Anderson.** Soft ivory-white.

### CLIMBING

**Doubloons.** Vigorous; lovely yellow.



All-America 1950



## FASHION (Pat. 789)

Triple Gold Medal Winner

Fashion has been designated as "the miracle Rose." At least it can be said that Fashion introduces an entirely new color in Roses. It is a luminous coral-pink overlaid with gold—a color never before seen in any Rose. (See back cover.) It will literally take your breath away as the robust, vigorous plants produce cluster after cluster of these gorgeous blooms. In early stages, the buds show a rich oriental red of a dark, warm tone. These buds are transformed into exquisite miniature Hybrid Teas frequently up to 3½ inches across. Never before has any Rose won the gold medal award of three nations—the United States, England and France—in the same year. That triple honor alone should commend it to your consideration. Each \$2.25; 3 for \$5.75; 6 for \$10.75.

## Duoseal No. 1 Select Roses

Following Varieties: \$1.10 each; 5 for \$4.95

### MONTHLY BLOOMING

**Ami Quinard.** Dark red, bordering on black.  
**Betty Uprichard.** Variegated pink.  
**Condesa de Sastago.** Two-toned red-yellow.  
**Editor McFarland.** Rich pink.  
**E. G. Hill.** Dazzling scarlet.  
**Golden Charm.** Golden yellow.  
**K. A. Viktoria.** White tinged with cream.  
**Luxembourg.** Pale pink, shaded to light yellow.  
**McGredy's Scarlet.** Rich, deep red.  
**Pink Radiance.** Standard pink.  
**Poinsettia.** Bright, unfading scarlet.  
**President Herbert Hoover.** Two-toned.  
**Red Radiance.** Fascinating red.  
**Soeur Therese.** Top-ranking yellow; semi-hardy.  
**Talisman.** Two-toned flame-yellow.

### CLIMBING

**Climbing President Hoover.** Two-toned pink and pale yellow.  
**Paul's Scarlet Climber.** Intense scarlet. Blooms for weeks.

### RAMBLER

**Primrose.** Large, double, primrose-yellow. Midseason.

## WETSEL'S HARDY SHRUBS

Duoseal—Individually Wrapped

95 cts. each; 5 for \$4.25

**Forsythia intermedia spectabilis.** Yellow blooms. Ultimate height 6 to 8 ft.  
**Hydrangea, P. G.** Long, pink and white flower heads.  
**Red-Flowering Quince.** Brilliant scarlet flowers in May.  
**Spiraea Vanhouttei (Bridal Wreath).** Dainty white flowers in May.



ROSE GARDEN





# Wetsel's Choice Bulbs and Plants

We Do Not Prepay Postage or Express Charges



DAHLIA, Jersey's Beauty

## DAHLIAS

**Avalon.** One of the finest of all clear yellow Dahlias. Blossoms 7 to 9 in. across, 4 to 5 in. deep. Strong and vigorous plants 3 to 4 ft. tall. 35 cts. each; 3 for 90 cts.

**Jersey's Beauty.** Clear pink; long, stiff stems. 35 cts. each; 3 for 95 cts.

**Kentucky.** Nice pink blended with yellow and gold. 30 cts. each; 3 for 85 cts.

**Marshall's Pink.** Perfectly formed bright pink blooms without shading. 35 cts. each; 3 for 95 cts.

**Mrs. Warner.** One of the most vigorous and profuse bright lilac-rose blossoms. Extra large size and perfect form. 30 cts. each; 3 for 85 cts.

**Red Jersey.** Has same habit as Jersey's Beauty. 30 cts. each; 3 for 85 cts.

**Sir Lancelot.** Garnet-rose shaded with purple making it one of the unusual colors, often compared with those found in Persian rugs. 30 cts. each; 3 for 85 cts.

**Thomas A. Edison.** Deep royal purple; grand and striking. 35 cts. each; 3 for 95 cts.

**Watchung Giant.** Easy to grow and always admired. Deep amber-yellow flowers attractively suffused with bright cadmium. 35 cts. each; 3 for 95 cts.

**White King.** A good white decorative Dahlia of large size on strong stems. 35 cts. each; 3 for 95 cts.



## Tri-Ogen Rose Food

A Rose Food made from organic (long-lasting) and inorganic (quickly available) materials. Contains 5 units of nitrogen to give healthy green foliage; 10 units of phosphorus for sturdy plants and roots; and 5 units of potash for bigger and better flowers. 5 lbs. \$1.00; 10 lbs. \$1.60; 25 lbs. \$3.00; 50 lbs. \$5.00.

## Du Pont Floral Dust

As you may expect from a Du Pont product, Floral Dust is a genuinely effective preparation for control of both insects and diseases. Contains rotenone and methoxychlor for the control of insects and sulfa and Fermate for the control of diseases. Simple to apply by either dusting or spraying. 8-oz. gun 80 cts.; lb. \$1.15; 4 lbs. \$3.50.

## SELECTED GLADIOLUS

**First-Size Bulbs. 10 cts. each; \$1.00 per doz., except where noted**

**Beacon.** An outstanding new variety that is widely acclaimed as a genuine beauty. Very tall, handsome spike of light red with creamy blotch, slightly ruffled.

**Flaming Sword.** Large flame-red, with long stem.

**Golden Dream.** Large golden yellow.

**Golden Eagle.** Very early, deep yellow.

**Maid of Orleans.** Regarded as the leading commercial white. Large flower, perfect placement and good stem. Very early.

**Margaret Fulton.** Beautiful deep pink. Medium-sized flower with good placement. This is a very sturdy variety. Quality makes it very desirable.

**Minuet.** Beautiful clear light lavender. Considered the best lavender.

**Pelegrina.** A most appealing color—deep blue-violet. Large individual florets, produced early. Very attractive.

**Picardy.** Soft pink, shading to deeper pink on the lower petals. Very long stems. A popular newer sort.

**Shirley Temple.** Large, flat, ruffled flower on very tall, heavy spike. Color is light cream with darker throat.

**Gladiolus, Wetsel's Dependable Mixture.** 5 cts. each; 50 cts. per doz.

## CANNAS

**Hungaria.** Rich peach-blossom in color. Plants dwarf; green foliage.

**King Humbert, Red.** Flowers coppery scarlet. Foliage deep bronze.

**King Humbert, Yellow.** Flowers golden yellow, dotted red. Foliage green.

**Richard Wallace.** Pure canary-yellow.

**The President.** Immense glowing scarlet blooms. Rich green foliage.

**Your choice of these 5 varieties,**  
20 cts. each; \$1.95 per doz.

## TUBEROSE

**Double Pearl.** Fragrant, pure white flowers. Tubers are extra large and the finest stock obtainable. 10 cts. each; \$1.10 per doz.

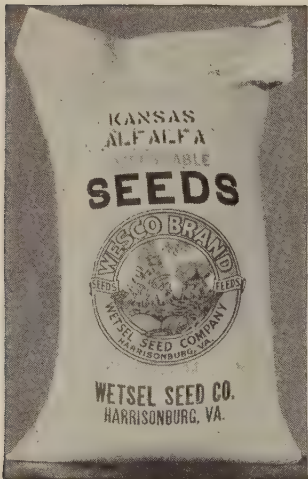


SELECTED GLADIOLUS



# Wetzel's Dependable Farm Seeds

## How to Plant



Wetzel's Alfalfas, in nearly all strains and origins, are supplied in this attractive one-bushel bag, at no extra cost.

## KANSAS ALFALFA

### U. S. VERIFIED

Alfalfa seed grown in the state of Kansas—commonly referred to as Kansas Alfalfa, as though it were a specific strain or variety—has for many years been the most popular in this and many other states. Due in part to greatly increased use of Alfalfa in recent years, the demand for Kansas Seed continues very heavy. Present indications are that this large demand will continue over the coming year.

It was thought at harvest time last summer that a very large crop of Alfalfa seed, including Kansas, had been produced. Apparently that was true, but the demand for Alfalfa seems to have pretty well absorbed the supply. Anyway, it now appears that Kansas seed is in short supply—if not for spring planting, certainly for late summer and early fall seeding. We suggest that you arrange early for your needs up to about September 15.



MOWING ALFALFA

**Sow 15 to 20 lbs. to the acre in March or April**

Well-drained loam or clay soil, with no hardpan underneath, will grow Alfalfa when properly prepared. Lime should be applied to soil that is too acid. Two to five tons of ground limestone per acre is recommended; half of this quantity of burnt lime after plowing. A firm seedbed is essential for a good stand of Alfalfa, and the soil should, therefore, be prepared well ahead of planting time. Harrow the land frequently to destroy all weeds.

Alfalfa needs fertilizer rich in phosphoric acid and potash. When seeding, apply 600 to 800 lbs. or more of 0-14-6 fertilizer per acre, increasing the amount of potash on sandy soil. Top-dress established plantings each spring with 300 to 400 lbs. of 0-12-12 fertilizer per acre. Best results come from having the soil tested and adding the elements needed.



ALFALFA

## WETSEL'S SUPER ALFALFA

This brand was established in 1946 to meet a long-standing and persistent demand for extra-hardy Alfalfa seed—that is, seed that was produced either at a high altitude or in a northwestern area, where the average winter weather is colder than in either Kansas or Oklahoma. Each year more farmers are content to pay the higher price, which amounts to a dollar or so per acre.

Wetzel's Super Alfalfa must meet certain rigid specifications. It must be of high quality in every respect—high in purity and germination and low in weed content. Then, it must have been produced in high altitude or a northwestern state.

## OKLAHOMA ALFALFA

### APPROVED

As we have often stated, we have sold Oklahoma-grown seed for more than thirty years. Results have always been satisfactory. It is only within the past couple of years that Blacksburg authorities have openly advocated its use. They now say, in substance, "Use a good grade of either Kansas or Oklahoma seed." All of our Alfalfa seed is U. S. verified as to origin. This is especially important when buying Oklahoma seed.

## GRIMM ALFALFA

The chief difference between Grimm Alfalfa and the so-called Common strain is reflected in the root system and habit of growth.

The Common variety is characterized by a long, straight (and sometimes very large) root—often called a "tap" root. It has very few small, or feeder roots. In sharp contrast, Grimm roots are far more numerous, spread over a wider area, and are shorter.

Grimm has its good points. It is not, however, regarded as superior to the Common strain on all soils or under all conditions. It is believed that the young plants of Grimm hold to the ground better on soils that have a tendency to erupt during freezing and thawing winter months. Also, Grimm will often respond more quickly to rains (especially light showers) after a dry spell. On the other hand, due to a shallow root system, it will suffer more and sooner from lack of rain.

Present indications are that Grimm seed will be in short supply the coming year.

**INOCULATE WITH NITRAGIN.** Alfalfa seed treated with Nitragin grows more rapidly, matures in a shorter time, produces bigger crops, and enriches the soil for the benefit of the next crop. It costs only 15 to 20 cents to inoculate enough seed for a whole acre, and the results obtained are well worth while. See page 26 for complete information concerning Nitragin, including prices.

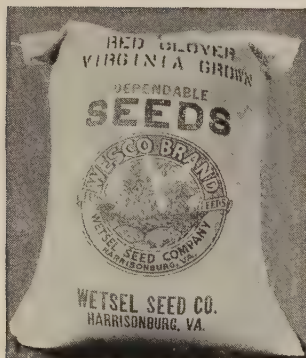
ALFALFA—All F.O.B. Harrisonburg			Lb.	Bus.
Kansas, Common	.....	\$0	64	\$37 60
Oklahoma, Approved, Common	.....	57		33 75
Utah, Common	.....	62		36 90
Utah Grimm	.....	64		37 60
Wetzel's Super Grimm	.....	65		38 20
Argentine	.....	40		23 50





## CLOVERS

### RED CLOVER



Has long been the leading Clover, especially where crops are rotated. It matures so early that it may be followed by a second crop such as additional hay, late pasture, or a cash crop from seed for which there is usually a ready demand. It adds nitrogen to the ground it grows on if left there to mature, and for this reason is a real benefit to the land. Sow 10 to 12 lbs. per acre.

**Virginia Grown. 99.25% pure.**  
Lb. 61 cts.; bus. \$35.50.

**Central States. 99.25% pure.**  
Lb. 59 cts.; bus. \$34.50.

← Wetzel's Clovers available in 1-bushel bags at no extra cost.

### MAMMOTH or SAPLING CLOVER

Widely used for seeding with timothy and then cut as hay. Maturing later than Red Clover, it ripens more uniformly with timothy. Produces a larger growth, resulting in greater tonnage on a given area. Sow 10 to 12 lbs. per acre.

**Central States. 99.25% pure.** Lb. 59 cts.; bus. \$34.50.

### LADINO CLOVER

While this Clover is still not used so extensively in this territory as in many other areas, the demand for it is expanding very rapidly. Its numerous advantages for pasture are being learned and recognized. Some almost unbelievable reports are coming in from farmers regarding the quality and quantity of pasture it provides, which justifies our back-cover label—The Miracle Clover. It is so good as a pasture that both State and Federal Departments of Agriculture urge its use. Indeed, the Federal Government has been refunding to farmers the money spent for seed and probably will continue this practice, at least over the near term. Result: A terrific demand for seed. It is usually sown with orchard grass.

**Certified. 99.60% pure.** Lb. \$2.10; 5 lbs. \$10.30.

**Field inspected. 99.50% pure.** Lb. \$2.00; 5 lbs. \$9.90.



LADINO CLOVER



SWEET CLOVER

### CRIMSON or SCARLET CLOVER

One of the best crops for green manuring, and furnishes fine pasture in fall, winter, and spring. It improves poor land and through its nitrogen-gathering properties restores the fertility of those that have been worn down by excessive cropping. May be planted in fall, spring, or summer. Sow 15 lbs. to the acre. **99.00% pure.** Lb. 33 cts.; bus. \$18.75.

### SWEET CLOVER

A very good crop to improve the soil, when it reaches a reasonable stand. It will grow in almost any kind of ground, but best results come when the land is amply limed and the seed inoculated. When sown in the spring, a nurse crop should be used, to help keep down weeds. Small grains such as oats or fall-sown grains are good for this purpose. Sow 15 to 20 lbs. of scarified or hulled seed per acre in late February, March and April. Usually either White or Yellow Blossom is available; Yellow is somewhat smaller and about ten days earlier than the White.

**Yellow Blossom. 99.25% pure.** Lb. 30 cts.; bus. \$17.10.

**White Blossom. 99.25% pure.** Lb. 30 cts.; bus. \$17.10.

BOTH PREMIUM GRADE

### UNHULLED SWEET CLOVER

Unhulled seed can be planted earlier—in January or February. Sow 20 to 25 lbs. per acre. This earlier sowing usually results in a quicker start in the spring and often a more dense growth.

**White or Yellow Unhulled Seed.** Lb. 23 cts.; bus. \$13.00.

### WHITE DUTCH CLOVER

For lawns and pastures. Produces a low, compact growth, covering the ground like a carpet, but is more satisfactory when used in mixtures with other grasses. Sow in spring or fall, 8 to 12 lbs. per acre if planted alone. **98.50% pure.** Lb. \$1.00; 5 lbs. \$4.90.

### ALSIKE CLOVER

A very hardy Clover that is growing more popular in recent years because it frequently takes hold where other Clovers fail, especially in low, wet soil or high gravel ground. It provides desirable hay, and is excellent for improving the soil. Sow 8 lbs. to the acre.

**99.00% pure.** Lb. 46 cts.; bus. \$27.00.

**98.00% pure.** Lb. 45 cts.; bus. \$26.50.



### Cyclone Seed Sower

\$3.50 postpaid; \$3.25 not postpaid.

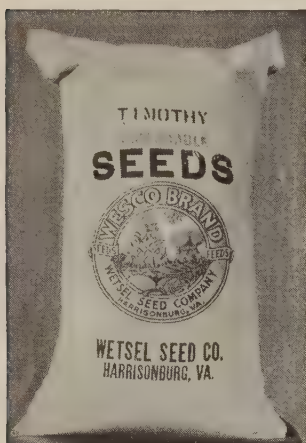
### Horn Sower

\$1.35 postpaid; \$1.20 not postpaid.





# Wetsel's Dependable Grasses and Grass Mixtures



## TIMOTHY

Well-known grass doing best on bottom lands, rich moist loams, and clay soil, but not on loose, sandy ground. Makes a good pasture when sown at the rate of 6 lbs. per acre, along with 6 lbs. sapling clover and 4 lbs. red-top. If sown alone, plant one peck (about 11 lbs.) per acre, in spring or fall. For hay, use 6 lbs. timothy and 6 lbs. clover.

**Western. 99.50% pure. Lb.** 37 cts.; bus. \$16.20.

**Valley. 99.00% pure. Lb.** 36 cts.; bus. \$15.75.

## ORCHARD GRASS

A vigorous grass planted extensively by horse and cattle raisers, for it provides good grazing from spring until winter. If desired for hay it should be cut while in bloom; it will be ready for grazing again within a few weeks. Grows well in shady locations. Sow 14 lbs. per acre.

**85.00% pure. (onion free). Lb.** 41 cts.; bus. \$5.60.

**85.00% pure. Lb.** 39 cts.; bus. \$5.30.

**80.00% pure. Lb.** 35 cts.; bus. \$4.75.

## KENTUCKY BLUE GRASS

One of the earliest grasses in spring, yielding valuable pasturage if planted on limestone or stiff soil. Since it requires a year or two to become firmly established, it is best to sow Blue Grass with other varieties. It is the base of all good lawn grass mixtures, and withstands the coldest winters. Sow 20 lbs. per acre, in spring or fall. **85.00% pure. Lb.** 75 cts.; 5 lbs. \$3.70; 14-lb. bus. \$10.25

## RED-TOP or HERDS GRASS

Adapted to a wider range of soils than any other grass, but especially good on heavy, wet bottom land. Should always be included in mixtures for such types of land, whether for hay or for pasture. Sow 12 lbs. per acre if used alone. **92.00% pure. Lb.** 66 cts.; 25 lbs. \$16.25.

## RYE GRASS (Italian or Domestic)

Well suited to winter lawns and for sowing on land infested with crab-grass. With proper moisture, will germinate in 6 to 8 days. Sow 30 lbs. per acre. Good results come from seeding in the fall and close clipping in the spring. Also excellent pasture and land-improver. Lb. 19 cts.; 100 lbs. \$17.50.

## ALTA FESCUE

Alta Fescue originated as a plant selection from a four-year-old planting in 1923. It was first distributed in 1934 and has now been tested for 16 years. It is considered by agricultural authorities to be the finest over-all forage grass in existence today. It is rapidly becoming extremely popular throughout the United States, from Oregon to Florida. Alta is very palatable; stock like it at all pasturable stages. The extensive root system is unbelievably dense and reaches as much as 5 to 6 feet deep. Where fields have been down for several years and plowed under, yields of grain have nearly doubled over previous production. The rooting system becomes so dense over a period of years that it is known to choke out onion, buckhorn and other noxious weeds. Lb. 80 cts.; 100 lbs. \$78.00

## KENTUCKY 31

In the earlier days of Kentucky 31 and Alta Fescue, it was generally agreed that they were almost identical in every respect. Some authorities were emphatic in saying that they could detect no difference. Without a doubt, they are approximately the same grass; yet, some folks are now saying that they are not identical. Earlier claims that they were the promising grasses in our generation may be justified. Anyway, the demand for both is persistent and constantly on the increase. So far, the eastern demand for Kentucky 31 has greatly exceeded the demand for Alta. Result: short supplies and sharply higher prices. Certified, lb. 95 cts.; 100 lbs. \$93.50. Uncertified 6 cts. lb. less.



KENTUCKY 31

## TALL MEADOW OAT GRASS

Withstands the heat and drought of midsummer and the cold of winter. Starts growing early in spring and affords good grazing until late fall. If sown alone, use 18 to 22 lbs. per acre. In mixture, use 8 lbs. each of Oat Grass, orchard grass, and red clover. Lb. 27 cts.

## BROME GRASS

A long-lived perennial grass producing many underground root-stocks and making mats a foot or more in diameter. Most desirable for permanent pastures. Does best when sown broadcast in the spring, usually at the rate of 20 to 25 lbs. per acre, but can also be sown in the fall with timothy and red-top.

**Southern Strain. Lb.** 60 cts.; 100 lbs. \$58.00.

## SUDAN GRASS

A rapidly growing summer forage crop that can be cut several times during the season. Will produce more forage in a shorter time than almost any other crop. Sow 10 lbs. per acre in rows 18 inches apart, and cultivate, or broadcast at the rate of 30 to 35 lbs. per acre. Often sown with soy beans, using 20 lbs. of Sudan Grass and 1 bushel of soy beans per acre. Lb. 13 cts.; 50 lbs. \$6.00; 100 lbs. \$11.75.

## SWEET SUDAN GRASS

This new variety is a development resulting from several years' breeding work by the Texas Agricultural Experiment Station in cooperation with the Bureau of Plant Industry, U. S. Department of Agriculture. 1944 was the first time enough seed was available to plant sufficient acreage of this new variety to produce seed in commercial quantities. Production now appears adequate. Sales in 1946 showed a substantial increase over the previous year.

It is sweet, juicy, and more palatable to livestock. This was demonstrated consistently during the years that breeding and selection were progressing. When planted side by side with Common Sudan, it was grazed to the ground by the cattle, while the Common Sudan was grazed down to the height of about one foot. In all cases the Sweet Sudan was eaten first. Lb. 15 cts.; 50 lbs. \$7.00; 100 lbs. \$13.50.





# Wetzel's Dependable Pasture and Grass Mixtures

## PASTURE PROVIDES CHEAPEST FOOD

Like every other class of people, dairymen and producers of cattle, sheep, hogs and even poultry are forever competing with each other. The cattle producer or the dairyman in, say, the Shenandoah Valley is in direct competition with the cattle grower or the dairyman in other parts of the country—for instance, the Midwest, the Rocky Mountains and for that matter, the Deep South. The fellow who can produce cattle or milk at the lowest unit price is the one who will make the most net profit and last the longest.

Obviously, cash paid for feed is the major production cost. It is equally apparent that the more pasture a farmer has available, the less feed is required. The longer the pasture season, the greater is the annual volume of pasture, with consequent reduction in the cash outlay for feed.

Because of this economic pressure for more pasture extending over as many months as possible, two important developments have taken place in recent years. The first is that the production of livestock, especially cattle, is tending southward, where the growing season is longer. Second, newer and more prolific grasses that grow over a longer season are being used for pasture, such as orchard grass, fescues and ladino, in contrast to what used to be regarded as "the" pasture grass—namely, blue grass.

This brings us to another important fact confronting livestock producers and dairymen of Virginia, especially the Valley district, and the adjacent states of Maryland and West Virginia. Stated briefly, it is that *more and better pasture is the only way to reduce feed costs and to meet the competition that is rapidly developing farther south.*

Recognizing this fact, the heads of the Extension Division of our Experimental Station at Blacksburg have become somewhat perturbed—and we think with justification. In an effort to meet the challenge, they have inaugurated a vigorous, state-wide campaign designed to induce farmers to grow more and better pasture. You may have seen some of their printed material and heard talks on the subject. The campaign is spearheaded by the slogan, "Pasture is the Cheapest Feed—What Are You Doing About It?"

Further proof of the importance of more and better pasture is provided by the fact that the United States Department of Agriculture has for some time subsidized farmers who seeded land to pasture, by paying for several kinds of seeds, including orchard grass, ladino and alfalfa. The comment and evidence above should suffice to convince all readers of the value of pasture in cutting down the cost of feed. The only remaining questions are: (1) what shall I sow, (2) how much per acre, (3) when and how. These questions are partially answered below and on other pages. We shall be glad to supply more detailed information in person.

## GOOD PASTURE

Pastures and good-quality hay are the cheapest source of feed. One hundred pounds of digestible nutrients from good permanent pasture will cost 50c to 60c; from good alfalfa hay, \$2.50 to \$3.00; and from a mixed dairy ration costing \$75.00 a ton, it will cost about \$5.00.

A good system of pastures that will provide at least 240 days of continuous grazing will reduce the feed cost of producing milk by 20 to 25 percent. Pastures will be worth 60c to 75c per cow per day, based on \$75.00 per ton dairy feed.

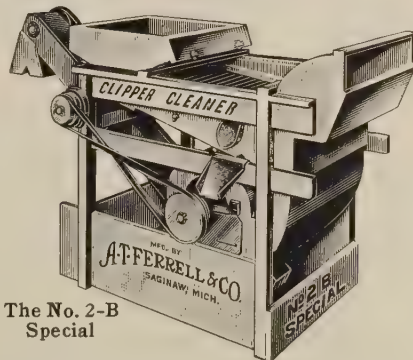
## RESEEDING

In general, a pasture that has less than a 50 percent stand of desirable grasses and legumes should be reseeded. The proper use of lime, liberal use of fertilizer and reseeding are the quickest ways to bring back a run-down pasture.

## CLIPPER SEED CLEANER

Cleans and Grades all Farm Seeds and Grain

Designed principally for farm use. Furnished with 12 interchangeable screens for cleaning Wheat, Oats, Clovers, Alfalfa, Timothy, and other farm seeds and grain. Screens are 24½ inches wide and 22¼ inches long. Fan is easily regulated to blow out as much or as little light weight grain as desired. Substantially built throughout. Capacity 15 to 25 bushels per hour. Circular on request.



The No. 2-B  
Special

**No. 2-B.** Without bagging elevator. \$81.50.

**No. 2-B. Special.** With bagging elevator. \$97.

Electrical Drive Equipment with ½-h.p. motor. \$36.



Pasture Field

## FERTILIZER INCREASES GRAZING

Tests made by the V. P. I. Dairy Department on a fairly good blue grass sod showed that a well-fertilized pasture produced 60 to 70 percent more feed than unfertilized pasture. Proper fertilization will provide two weeks later grazing in the fall and two weeks earlier grazing in the spring. The value of pasture is determined to a large extent by how quick new growth comes back after being grazed off. An abundant supply of plant food is necessary for a quick comeback.

## ONE FIELD NOT ENOUGH

The greatest number of days of grazing cannot be had with one pasture field. A system of pastures must be developed, using mixtures that give high yields at different times of the year.

## SEEDING DATES

Seed after the first good rain in August and up to September 15, or during February, March and April.

## MIXTURE FOR MOIST BOTTOM LAND

Composed of eight grasses and clovers, as follows: 5 lbs. Meadow Fescue, 4 lbs. Alta Fescue, 1 lb. Ladino Clover, 2 lbs. Red-Top, 2 lbs. Timothy and 2 lbs. White Dutch Clover—a total of 16 lbs. per acre. The price of this combination at press time is \$11.00.

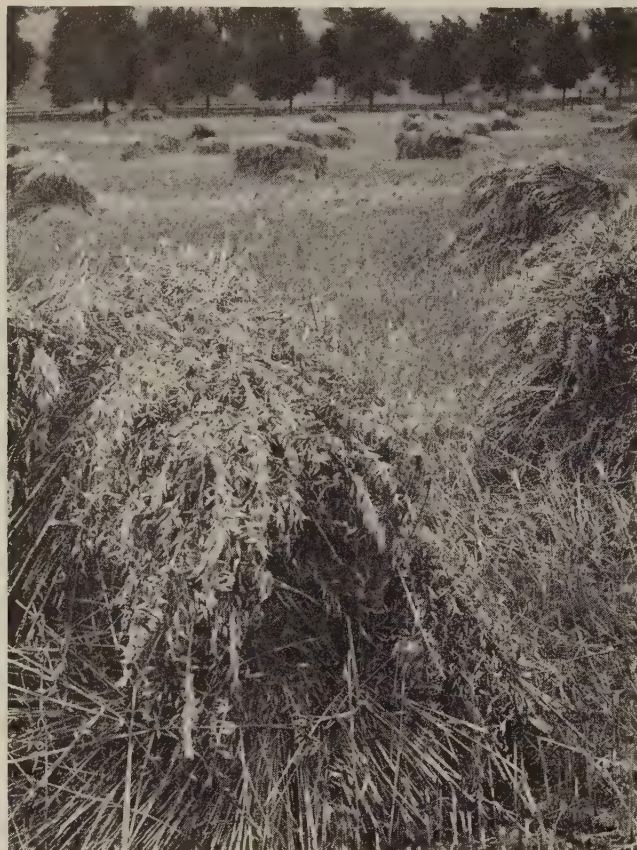
## MIXTURE FOR NORTHERN PIEDMONT AND WEST OF BLUE RIDGE

**No. 1.** Not adapted to shallow, drought-type soils. Orchard Grass 6 to 8 lbs.; Ladino Clover 2 lbs.; Korean Lespedeza 8 lbs. Approximate price per acre, \$7.72.

## WETSEL'S PASTURE MIXTURE

The following is the combination of grasses that we have recommended for quite a few years. It has acquired something of a reputation as a good, comparatively low-cost pasture mixture: 7 lbs. Korean Lespedeza, 6 lbs. Orchard Grass, 3 lbs. Timothy, 2 lbs. Alsike Clover. Sow in February, March and April on small grain crops or old sod. Approximate cost at press time, \$4.72 per acre.





OATS

## LESPEDÉZA

### Korean Lespedeza

Makes an excellent hay crop 10 to 20 inches tall, and equal to alfalfa in analysis and feed value. Requires no soil preparation and even when closely grazed it grows readily in acid land. Produces two to three tons of hay per acre each year and reseeds itself if properly cut. Korean Lespedeza makes the best and cheapest pasture in mid-summer, for it is practically drought-resistant. **This is especially true at present, for as we go to press, with virtually all other grasses at high prices, Lespedeza (because of record crops in both 1948 and 1949) is very cheap. Prices to farmers for thresher-run seed hardly pays the cost of harvesting.** It can be cut for hay in September. It increases soil fertility and costs less to produce than other important legumes. Sow on small grains or on pasture land from January 15 to April, 20 lbs. per acre.

**Dodder-free seed.** Lb. 10 cts.; 100 lbs. \$8.75.

**2 Dodder per oz.** Lb. 9 cts.; 100 lbs. \$8.25.

**3 Dodder per oz.** Lb. 9 cts.; 100 lbs. \$7.75.

**Hulled Seed. Dodder Free.** Lb. 11 cts.; 100 lbs. \$9.75.

**Kobe Lespedeza. Dodder Free.** Lb. 16 cts.; 100 lbs. \$14.50.

} Unhulled Seed

### Sericea Lespedeza

A drought-resistant soil-improver for almost any soil. After the first year will yield two to four tons of field-cured hay per acre each year. Sow 30 to 35 lbs. of unhulled seed per acre from January through March; 20 lbs. of hulled or scarified seed in April or May.

**Hulled Seed.** Lb. 27 cts.; 100 lbs. \$25.00.

**DODDER FREE**

## SPRING BARLEY (Smooth-Awn)

**WISCONSIN 38**

Regarded as the quickest grazing and earliest maturing spring grain. Can be grown on a greater variety of soils and in a wider climatic range than almost any other grain crop. Yields 25 to 40 bushels per acre of grain equal to corn in feeding value. Should be sown in February or March, the earlier the better, at the rate of 2 bushels per acre. Ask for price.

## SEED OATS

**Sow 64 to 90 lbs. per acre**

Oats and other grains yield larger crops of better quality when treated with Ceresan to control smut and other diseases. Since we are well equipped to treat Oats during the process of cleaning and grading, the additional cost is very slight. See page 6 for more detailed information on Ceresan and other du Pont products.

### CLINTON OATS No. 11 (or No. 59)

#### Certified Seed

Most all growers know that this is one of the newer varieties of Spring Oats. It was not until 1948 that Clinton was available in large quantities. Prior to that year, only small quantities for experimental purposes were available. As late as 1947 seed sold as high as \$12.00 per bushel.

Clinton was bred especially for resistance to leaf and stem rust, smuts and leaf blight. It is a medium early variety. Kernels are yellow, occasionally tinged with brown, are medium large and very plump, and have a percentage of groats much higher than the older varieties. It is of medium height and frequently remains somewhat green when grain is fully matured and ready for harvesting, thus enhancing the value of the straw for feeding.

You are warned against using "just straight Clinton." This is the last year that old-strain Clinton will be certified. It has been superseded by No. 11 (the Illinois designation) and No. 59 (the Indiana designation), which are said to be the same strain. The chief advantage of the new strain is that it ripens more uniformly. If supplies and price so dictate, we may stock both No. 11 and No. 59, but up to now we have confined our purchases to No. 11. Certified seed, bus. \$1.85; 9-bus. lots, \$1.83 per bus. Uncertified (Old strain) seed, bus. \$1.60; 9-bus. lots, \$1.58 per bus.

### COLUMBIA SPRING OATS

The leading spring Oats for the Southeast, for it matures before hot weather and rust can cause damage, and is usually taller, more uniform and erect. Produces a good yield of large, heavy heads containing plump grains, 7 to 10 days before other varieties. Treated seed, bus. \$1.60; 9-bus. lots, \$1.58 per bus.

### SWEDISH SELECT OATS

A heavy-yielding, extra-heavy variety of Oats that is especially recommended for Virginia and West Virginia. Produces a good crop of both hay and grain on either light or heavy soil. Tall stalks and large heads containing plump, heavy grains. Treated seed. Ask for price.

### STAUNTON OATS

The most popular winter Oats in the southeastern part of the country. Is also a favorite for spring crop, when seeded in February and early March. Produces large heads of heavy grain and stands up well. Supply of seed this year is limited. Bus. \$1.95; 9-bus. lots, \$1.93 per bus.

### FULGRAIN OATS

Has become very popular in Virginia and other eastern states. Early maturing, disease resistant. Stools well and is a vigorous grower. Its upright growth of medium height makes it easy to combine. Heads are large and well filled with rich reddish yellow plump grains. Bus. \$2.00; 9-bus. lots, \$1.98 per bus.

### HENRY SPRING WHEAT

For a number of years we have been having calls for a spring Wheat but due to the short supply we have not been able to take care of this demand. We expect to have a limited supply this spring and suggest that you try a few bushels. Ask for price.





# Wetsel's Annual Forage Crop Seeds



COWPEAS

## BROOM CORN

Will grow on any land that will produce corn. When ground is warm, plant 1 to 1½ inches deep in drills 3½ feet apart, thinning the plants to 6 inches apart in the row. Sow 5 lbs. to the acre.

**Standard Evergreen.** Grows 8 to 10 feet high and yields heavy straight brush free from large center stems. Ready to cut in 90 to 100 days. Lb. 25 cts.; 5 lbs. \$1.10.

## SUGAR CANE (For Syrup)

**Sugar Drip.** Large growth, often yielding up to 65% of its total weight in juice. Well adapted to this territory. Lb. 25 cts.; 5 lbs. \$1.10.

**Early Orange.** Excellent for both forage and sorghum. Lb. 25 cts.; 5 lbs. \$1.10.

## SORGHUM

**Early Amber.** Used as a green feed for stock and cattle. Matured seed is a good poultry feed. Sow 1 pk. per acre in drills or 1 bus. when broadcast. Lb. 15 cts.; 5 lbs. 65 cts.

# SOY BEANS

The Soy Bean continues to be one of the most publicized crops. It proved itself a real weapon in the Nation's war effort and new uses for this all-round crop are continually being found by chemists and botanists.

On the farm Soy Beans may be mixed with other grains to make a high-protein feed. As a hay, they are similar to alfalfa in feed value. The best time for planting is from late May to July 15, but it may be done as late as August 15. Sow 60 to 90 lbs. per acre broadcast, or 45 to 60 lbs. in drills. Be sure to inoculate—use Nitragin.

**VIRGINIA (Brown).** Matures in about 125 days. Also a popular variety in this section. Is well known for its excellent hay and ensilage. Well-filled pods borne on strong vines, easy to cut and cure. Bus. \$3.25; 10-bus. lots, \$3.20 per bus.

**WILSON (Black).** Matures in about 120 days. By far the most popular variety in this territory. Used primarily as a hay crop. Makes an excellent green manure. A small-seeded kind, bearing pods well above the ground. Bus. \$3.00; 10-bus. lots, \$2.95 per bus.

**EXTRA EARLY WOOD'S YELLOW.** 110 to 115 days. An exceptionally early strain, well adapted to the higher Piedmont and mountain sections of all eastern states. Permits late planting, where necessary or desirable. Ask for prices.

**LINCOLN.** Matures in about 110 days. Seed is yellow with a black scar. This is one of the newer varieties that has done well in this section the last two years. Demand for it is on the increase. It is somewhat similar to Manchu in appearance but is regarded as superior to Tokyo for this section. Bus. \$3.25; 10-bus. lots, \$3.20 per bus.

## DWARF ESSEX RAPE

Extensively used as pasture for cattle, sheep, hogs, and poultry. In a good season will continue to grow after being grazed. Sow in spring, 4 to 5 lbs. per acre in rows or 8 to 10 lbs. when broadcast. Lb. 19 cts.; 10 lbs. \$1.80. Larger quantities 17½ cts. lb.

## HAIRY VETCH

Valuable as a winter cover crop to fertilize the soil, to prevent leaching, and also to furnish forage. A good mixture often used in the spring is 15 lbs. Vetch and 1½ bus. oats per acre. If sown alone, plant 50 to 60 lbs. per acre. Lb. 28 cts.; bus. \$16.20.

## MILLET

Tennessee Cultivated Strain, very popular in this vicinity. Millet requires fertile soil and good growing conditions, when it will produce an abundance of forage. Sown with cowpeas or soybeans, use 3 to 5 lbs. per acre, or 30 lbs. per acre if seeded alone for hay. Where a seed crop is desired, sow only 20 lbs. Drill or broadcast from May to July. Lb. 10 cts.; bus. \$4.50.

## COWPEAS

A highly nutritious forage crop that makes excellent feed for horses and cattle, as well as cheap enrichment for the soil. For the latter purpose, cut the vines and use them as hay; then plant whatever crop is to follow in the stubble and roots. Since Cowpeas have a tendency to loosen the soil, seed can usually be harrowed in, making plowing unnecessary. Sow 60 to 90 lbs. per acre between May 20 and July 15. Be sure to inoculate the seed with Nitragin before planting.

**Mixed Cowpeas.** A mixture of good varieties is usually more satisfactory, especially for soil improvement, for the combination is better able to withstand extremes of weather. Lb. 9 cts.; bus. \$4.35.

## Peas for Table Use

**Ramshorn Black Eye.** Pure white Peas with black eyes. Wilt-resistant. Lb. 25 cts.; 5 lbs. \$1.00.



It is a great mistake and a waste of money to plant either cowpeas or soy beans without inoculation.





# Seed Inoculations and Disinfectants



## Seed Disinfectants

### Semesan Jr.

A double-acting seed disinfectant for certain seed-borne diseases of corn. Usually reduces seed rotting, checks seedling blight and certain seed-borne rots of root and stalk, and has increased yields an average of 3 bushels per acre. Costs only about 9/10 cents an acre. Treats field, pop, and seed corn by quick, dry method. 1½ ounces treat a bushel of seed. 1½ ozs. 17 cts.; 12 ozs. 62 cts.; 25 lbs. \$13.85.



## CONVERT LEGUME SEEDS INTO FERTILIZER PLANTS

by

Inoculating with

# NITRAGIN

### Build Up Your Soil

Inoculate Your Legumes with Nitragin

Many believe that once a field has been planted with inoculated legume seeds, any similar legumes planted on the same field in the future need not be inoculated. But field tests have shown that better crops are harvested when legume seeds are inoculated whenever planted. It seldom pays to depend upon natural inoculation. The safest method is to inoculate legume seed each time the seed is planted.

### 1950 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

<b>ALFALFA, Sweet, Bur, Hubam Clovers.</b>	
1 bus. ....	\$0 50   2 ½ bus. .... \$1 00
<b>CLOVERS, Medium &amp; Mammoth Red, Alsike, Crimson &amp; White Clovers.</b>	
1 bus. ....	\$0 50   2 ½ bus. .... \$1 00
<b>COMBINATION</b> (Referred to as A&B). For all A or Alfalfa group (see above) and Red, Medium Red, Mammoth, White, Wild White, White Dutch, Alsike and Ladino Clovers ONLY (not for instance for Crimson).	
Packed only in 1-bus. size .....	\$0 50
<b>BEANS, Navy, Pinto, Wax, String, Kidney, Gr. Northern.</b>	
1 bus. ....	\$0 35
<b>PEAS (All Varieties) and VETCHES (All Varieties)</b>	
100-lb. size (Inoculates up to 100 lbs.) .....	\$0 50
<b>PEANUTS, LIMA BEANS, COWPEAS.</b>	
Small (Inoculates up to 120 lbs. seed) .....	\$0 30
5 bus. ....	50
30 bus. (one ctn.) (Contains six 5-bus. cans) .....	2 95
<b>SOY BEANS (All Varieties).</b>	
Small (Inoculates up to 120 lbs. seed) .....	\$0 30
5 bus. ....	50
25 bus. (one can) .....	2 25
30 bus. (one ctn.) (Contains six 5-bus. cans) .....	2 95
<b>LESPEDEZA.</b>	
100-lb. size (Inoculates up to 100 lbs. seed) .....	\$0 50
<b>GARDEN SIZE. Garden Peas and Beans, Sweet Peas, Lupines and Edible Soybeans.</b>	
Enough for 8 lbs. seed. ....	15 cts. ea.

NITRAGIN—the Oldest and Most Widely Used Inoculator in America

### Semesan Bel

Easy, quick dip treatment for seed potatoes, Irish and Sweet. Costs only about 21 cents an acre. Generally reduces seed-piece decay, seed-borne scab, and rhizoctonia. No mussy soaking; just dip, drain, dry, and plant. One pound treats 60 to 80 bushels of seed. 2-oz. pkg. 50 cts.; lb. can \$2.00; 4-lb. can \$6.33.



### Semesan

Aids in reducing rot of flowers and vegetables, gives them a healthy start. Treat seeds, corns, bulbs, and seedlings with Semesan. Apply dry or in solution with water. Semesan generally reduces seed rotting and damping-off. One ounce treats 15 to 60 pounds of seed. Costs only ¼ cent to 2 cents per pound of seed. ½ oz. 20 cts.; 2 ozs. 60 cts.; 12 ozs. \$2.40.

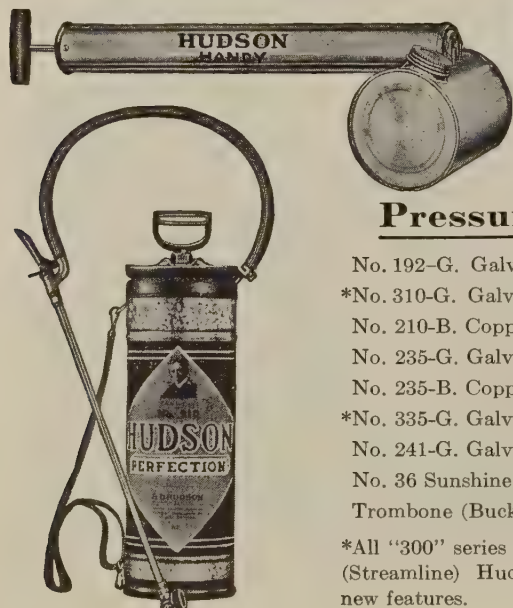


### New Improved Ceresan

A dry disinfectant for seed wheat, barley, rye, oats, flax, sorghums, millets, and sugar beets. Effectively kills certain seed-borne diseases by both contact and vapor; generally controls covered smuts, frequently increases yields. Recommended by most experiment stations. Inexpensive—one pound treats 32 bushels of seed grain. Plans for building treaters free on request. 4 ozs. 45 cts.; lb. \$1.00; 4 lbs. \$3.40; 40 lbs. \$28.75.

### Arasan

A seed disinfectant and protectant of the non-mercurial type. It has proved effective on vegetables, seed corn, and peanuts. Inexpensive, easy and safe to use when applied as recommended. ¾ oz. 25 cts.; 8 ozs. 80 cts.; 4 lbs. \$5.16.



## Sprayers and Dusters

### Pressure Sprayers

No. 192-G. Galvanized. 3¾ gal. ....	\$7 74
*No. 310-G. Galvanized. 4 gal. ....	11 16
No. 210-B. Copper. 4 gal. ....	16 56
No. 235-G. Galvanized. 3¾ gal. ....	8 99
No. 235-B. Copper. 3¾ gal. ....	13 10
*No. 335-G. Galvanized. 3¾ gal. ....	8 99
No. 241-G. Galvanized. ....	8 63
No. 36 Sunshine (Wheelbarrow) ....	22 77
Trombone (Bucket Sprayer) ....	6 80

\*All "300" series are the new modern design (Streamline) Hudson. You will like their new features.

### Hand Sprayers

Blizzard Copper. Continuous. ....	\$3 25
No. 403-ND. Master Fog. Tin. Qt. ....	63
No. 426 (427G). Critic. ....	1 60
No. 431. Comet. Tin. Qt. ....	91
No. 435. Cardinal. Galv. 3 qts. ....	2 00
No. 436. Cardinal. 3 qts. ....	2 00

### Dusters

No. 806. Roto Power. 2 nozzles, 2 elbows, four 15-inch telescoping tubes. New and improved design. ....	\$25 76
No. 1-A. Stauffer Knapsack. ....	25 82
No. 766. Hudson, Admiral. 24-inch extension nozzle. ....	1 50
Dustmaster. ....	1 15
B. K. Duster. ....	1 00



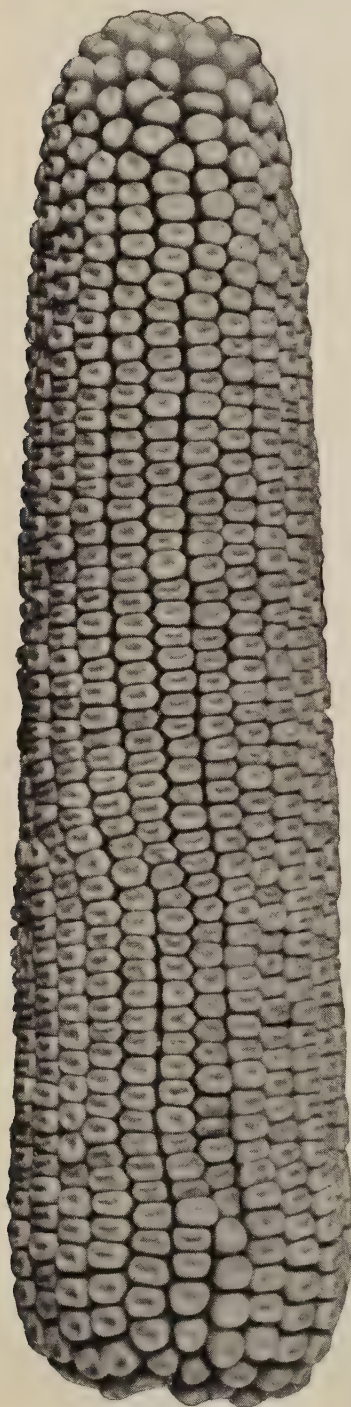




# WETSEL'S *Adapted Seed Corn Hybrids*

## U. S. 13

Still by long odds the largest-selling open formula (in contrast with closed formula of DeKalb and Funk G) Hybrid Corn. That ought to be ample evidence of its virtues. Further proof of its merit is supplied in the box on this page indicating that it won third place in Ruritan Club contest. Never necessarily a top yielder but always a good all-round hybrid, which accounts for its persistent popularity. Medium maturity, with medium fodder and ear. Adapted to a wide range of soils.



U. S. 13 Hybrid

## RURITAN CORN GROWING CONTEST RESULTS



FOUR HIGHEST CONTESTANTS are here shown: Left to right, Marvin Crowe, champion, holding the Ruritan cup; D. C. Craun, second; Richard Swope, third; Roy S. Bowman, fourth

### DETAILED INFORMATION

Detailed information as compiled by Ken Peterson, County Agent, as given below. All facts and figures are on a per-acre basis.

No. 1. MARVIN CROWE—Yield, 133 bushels; stalks, 13,360; fertilizer, 500 lbs. 2-12-2; manure, 10 tons; variety, DeKalb 850.

No. 2. D. C. CRAUN—Yield, 123 bushels; stalks, 11,685; fertilizer, none; manure, 10 tons; variety, DeKalb 816.

No. 3. RICHARD SWOPE—Yield, 119 bushels; stalks, 11,252; fertilizer, 300 lbs. 3-12-6, 400 lbs. 20 per cent superphosphate, 200 lbs. nitrate; manure, 10 tons; variety, U. S. 13.

No. 4. ROY S. BOWMAN—Yield, 114 bushels; stalks, 15,720; fertilizer, 2000 lbs. 5-10-5; manure, none; varieties, DeKalb 850 and 404-A

## U. S. 99

120 to 125 days. Large-foddered hybrid hence requires longer time for full maturity. Stalks do not grow tall but are thick, with broad blades.

## U. S. 262

About 125 days. Comparatively late-maturing Corn, becoming increasingly popular in Tidewater Maryland and Virginia, also North Carolina. Stalks rather large and erect.

## IOWA 939

An excellent Corn where early maturity is required or desired. When planted early it can be harvested in time for an early fall crop, and when planted late, even in middle or late June, it will usually mature before frost.

## ILLINOIS 200

120 days. Stalks somewhat larger than U. S. 13. Ear is longer, but slightly smaller in circumference. Best results are obtained on fertile or bottom soils.

## ILLINOIS 448

120 days. A high-yielding hybrid of wide adaptability. Stalks very tall and stiff, wind resistant, producing two long yellow ears of medium diameter.

## OHIO W. 17

100 to 110 days. Another comparatively early hybrid. Stalks medium in height, leafy and uniform. Produces medium ears, 16 to 18 rows of shallow kernels.

## HYBRID SEED CORN PRICES

### TESTED—GRADED—TREATED—BAGS INCLUDED

	F.O.B. HARRISONBURG			POSTPAID up to 150 miles		
	Gal.	½ bus.	Bus.	Gal.	½ bus.	Bus.
U. S. 13—Ward's Certified.....	\$1 25	\$4 90	\$9 50	\$1 55	\$5 40	\$10 50
U. S. 13—Iowa-Grown Certified.....	1 20	4 25	8 25	1 50	4 95	9 50
U. S. 99 (Ward's) Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
U. S. 262 (Ward's) Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
U. S. 357 (Ward's) Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
Illinois 200 (Ward's) Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
Illinois 448 (Ward's) Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
Iowa 939 Certified.....	1 20	4 25	8 25	1 50	4 95	9 50
Ohio W. 17 Certified.....	1 25	4 90	9 50	1 55	5 40	10 75
Iowa 4059 Certified.....	1 20	4 25	8 25	1 50	4 95	9 50





# DeKalb HYBRID CORN

DeKalb Hybrids continue to grow more popular each year. Indications are that the 1950 demand for DeKalb Corn will set a new record in this territory.

This is the result of a persistently outstanding performance in the field as regards yield, standability and all-round quality of both ear and fodder.

Conclusive proof of high yields is given on page 27, where the results of the Rockingham County Ruritan Clubs Corn

Judging Contest, as published in the local newspaper, are reported. It will be observed that first, second and fourth prizes were won by a DeKalb Corn. The first prize in Augusta County's Ruritan contest was also won by a DeKalb Corn—the 840.

By all means use the DeKalb number best suited to your soil and needs. If you are a DeKalb user you doubtless know which one you want. In any event, the following descriptions should help you. We will be glad to discuss their virtues with you.

**DEKALB 404-A.** A short-season Corn—about 90 days in the Valley and 100 days on higher ground. Has established itself in this area as a good reliable, early-maturing Corn of excellent quality. Like most early varieties, fodder is medium to small. For high yield in a short time, it is well-nigh unbeatable.

**DEKALB 609.** Has been added to our list this year because of the DeKalb Company's recommendation and because of its outstanding performance in test plots in the Valley in past years. Matures later than 404-A but earlier than 800 series. Stalks short and sturdy; roots deep and heavy. Yields well and makes good early silage.

**DEKALB 816.** Continues to be one of three most popular all-purpose DeKalb numbers in this area. Matures 110 to 115 days. High yielder (see opposite page for prize-winning position), with 123 bushels to the acre. Also produced 120 bushels in Mt. Airy Farm plot in 1949.

**DEKALB 825.** A fine Corn for rich soil, especially bottom land where moisture lingers during dry spells. Ears large, medium length and of fine appearance. Stalk usually remains green after ear has matured. Matures about 110 days. Yielded 135 bushels at Mt. Airy plot in 1949.

**DEKALB 840.** Widely known in this area as a fine, sturdy and uniformly high-yielding Corn. Won first prize with yield of 146.95 bushels in Augusta County Ruritan Club contest in 1949. Yield at Mt. Airy plot was 134 bushels.

**DEKALB 847.** Another in the 800 series that is a uniformly good Corn of medium fodder and maturity. Matures in 110 to 115 days. Will, of course, give better yield on rich land but it produces well on poorer soils, even when rainfall is below normal. Ears large and solid. Kernels deep yellow and of fine quality.

**DEKALB 850.** Was added to our DeKalb line last year and fully vindicated us by winning first prize in the Rockingham County Ruritan contest (see opposite page). Like others of the 800 series, it is what is known as full-maturity Corn—110 to 115 days—which makes it well adapted to the Valley and more eastern and southern areas.

**DEKALB 898.** Two years ago this one took the place of the popular 888, because it proved in test plots to be a superior Corn. Fodder is large and maturity later than the lower numbers. It is a good, rugged hybrid with strong resistance against disease and insect attacks. Primarily an ensilage type Corn but also produces well for crib. Yield at Mt. Airy Farm plot last year was 142 bushels.

**DEKALB 1002.** A large-foddered variety that has won a reputation as a reliable ensilage Corn. When planted in good soil it produces a high yield of grain and a big tonnage of fodder of fine quality.

**DEKALB 1025.** This is the Corn for those who want a still larger fodder than is supplied by 1002 and 898. Is really a big Corn in respect to fodder tonnage, especially when planted on rich soil. Those who have used it remain loyal to this Corn.

**DEKALB 707.** A white Corn that has replaced both 719 and 922 in this area because it has proved to be a better all-round variety. It was bred for the 800 zone. Medium height, with strong roots, extra-high yields and ripe, quality grain for the premium white Corn market.

*If you would like a complete  
DeKalb Catalogue, write us*

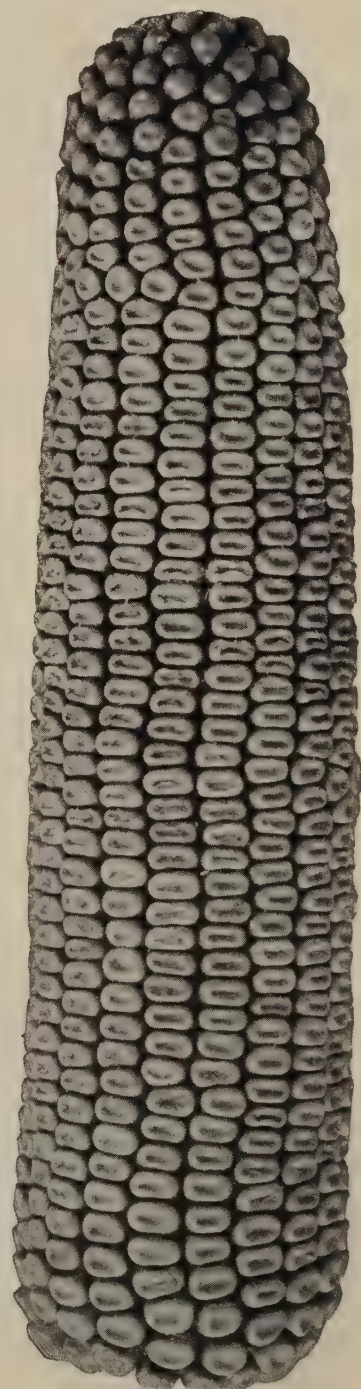
## PRICES OF DEKALB CORN HYBRIDS

	Pk.	Bus.
DeKalb 404-A. Thick flat grains (TFZ) . . . . .	\$2 20	\$8 00
DeKalb 404-A. Large flats. (Supply limited) . . . . .	3 00	11 30
DeKalb 707. Large flats. . . . .	3 30	11 30
DeKalb, All Others. Medium or large flats, as available. . . . .	2 80	10 30

**816, 840 and 847 available in TFZ (thick flat) kernels at \$2.00 per pk.; \$7.00 per bu.**

Prices are f.o.b. Harrisonburg. If ordered to be sent by Parcel Post within 150 miles, add 42 cts. per pk. and \$1.30 per bus.

Consult your Postmaster for rates beyond 150 miles.



DeKalb 816





# FUNK G

**"Consistently  
Good Year  
After Year"**



Yes, year after year Funk G Hybrids come up with *Top Performance*. For husking or ensilage, early or full season, if the right variety is selected for your needs, Funk G Corns will do you a "bang-up" job, consistent with soil fertility and available moisture. They have acquired an enviable reputation over the last eleven years.

## FUNK G-80

Well known for its outstanding and consistent performance in this area. It is a proved Corn for all-round use. Can be relied on for good yields of rich yellow ears well above average in size, with deep kernels. Fodder medium to large, with many beautiful leaves. Noted for standing up even during severe storms.

## FUNK G-94

An excellent hybrid strain. While not expected to yield as much on the average as G-80, it has several advantages. It is somewhat earlier in maturity, fodder is somewhat smaller and ears not quite so large in diameter. These characteristics make it adaptable to a wider range of soils and weather and it requires less moisture and fertility to produce solid, well-matured Corn.

## FUNK G-98

A Funk strain that is relatively new to this area. A Funk executive confides in us that "this is my pick of all Funk Corns for the Valley, excluding higher altitudes to the west." It was the highest yielder in trial plots from Roanoke to Loudoun counties last year. Ears large, with very deep, golden yellow kernels on small cob. Fodder medium and resistant to both drought and Corn borer. Long ears are easy to husk.

## 12-Year Record Through Virginia

### FUNK G-99

Another rather new Funk Corn developed a little ahead of G-98. Both were developed from strains of the old reliable Lancaster Sure Crop. Has attained outstanding results in the two years since it was introduced here. Fodder medium and cob small, with 18 to 20 rows of medium to dark yellow kernels.

**1950 Prices**  
**All Yellow Varieties, Flat Kernels.**  
**Pk. \$2.85; bus. \$10.60**

Every Funk G Hybrid is a **PREMIUM-QUALITY** strain. There are no "seconds" among Funk G Hybrids. Prices on all varieties are the same. Each lot accurately graded according to kernel size, making planting easier. Assures full strands. No "misses" to cut down your yields. Highest germination.

### FUNK G-711

Strictly a late, heavy silage Corn adapted for late silage and refilling. Use G-135 for your regular ensilage. G-711 produces massive foliage and great stalk height.

### FUNK G-135

The great silage Corn and the most widely used in the Eastern territory. Frequent reports of 20 to 22 tons per acre, entire field average. Highly nutritious and yields the greatest proportion of grain to total green weight.

### FUNK G-145

Sometimes referred to as an improved G-135, but parentage is different. Has same maturity as G-135 and fodder is equally tall, but ears are lower on the stalk. Was designed as a husking Corn for the farmer in this area but is actually a dual-purpose Corn, suitable for both husking and ensilage. Stands up exceptionally well, with a very high resistance to Corn borer and stock rob.

## WETSEL'S STANDARD CORNS

### Widely Used for Over 45 Years

**Pennsylvania (Lancaster) Sure Crop.** 110 to 120 days. A well-known sort in steady demand.



Boone County White Dent Corn

**Reid's Yellow Dent.** Certified. 120 days. Reid's Yellow Dent strains are the most popular yellow Corn, especially in the East. The medium-sized ear is rather large in diameter and bears long rich golden yellow kernels. An excellent sort for feeding on the cob.

**Bloody Butcher.** 100 to 110 days. A well-known and, in some sections, popular Corn.

### Ensilage Corn

**Eureka.** 115 days. A first-class sort for either ensilage or feeding, if allowed to mature. Very tall stalks, 12 to 15 feet high; large white kernels. A favorite for filling silos. When to be used as ensilage, it should be cut while in blossom. It is better to cut it early than too late.

**Pamunkey.** An extra-heavy producer. Strong, vigorous stalks 13 to 15 feet high usually bear two large ears.

### STANDARD FIELD CORN PRICES

F. O. B. HARRISONBURG

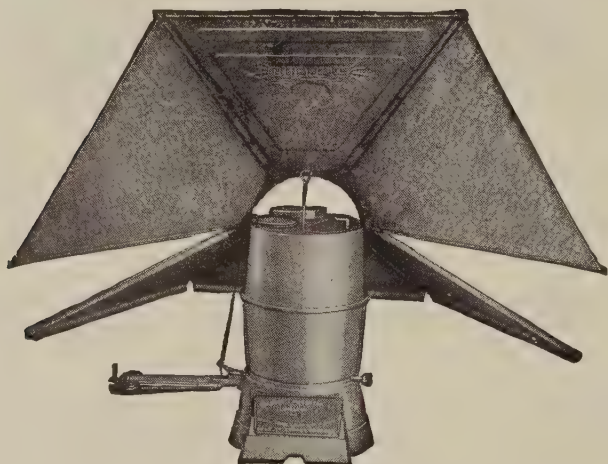
	Pk.	Bus.
Reid's Yellow Dent	\$1 15	\$4 25
Wetzel's Leaming	1 10	4 00
Penna. Sure Crop, Pennsylvania Grown	1 10	4 00
Bloody Butcher	1 10	4 00
Boone County White Dent—Thoroughbred	1 10	4 00
Hickory King	1 25	4 50
Ensilage, Eureka	1 10	4 25
Ensilage, Old Virginia	1 05	3 75
Ensilage, Pamunkey	1 10	4 25

By Parcel Post add 42 cts. per pk.; 1/2 bus. 71 cts.; 1 bus. \$1.30





# Wetsel's Modern Poultry Supplies

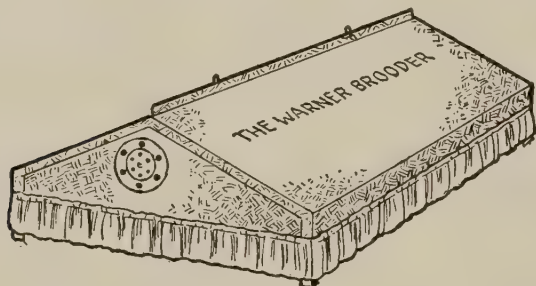


## Buckeye Coal-Burning Brooder

*We are booking orders from car  
promised for March shipment*

The first Coal Brooder to win popular acceptance. Constant improvements make it the best Coal Brooder available today. Has many features not found on other stoves. It is low in price, saves time and work, is easy and economical to use.

<b>No. 119-A.</b> 62-in. Canopy. Capacity 700.	
Holds 60 lbs. coal .....	<b>\$32 97</b>
<b>No. 120-A.</b> 62-in. Canopy. Capacity 1000.	
Holds 72 lbs. coal. ....	<b>36 43</b>



## Warner Electric Brooder

Carefully made, rigid, durable, easily assembled. Properly ventilated. "Floor always dry." Fabric curtain admits air but excludes drafts. Enclosed switch-box avoids fire hazards. Economical operation—as low as 6 cents a day. Allows 7 sq. in. or more for each chick. DeLux is made with metal top.

	Cap.	
<b>No. 500-D.</b> DeLux Warner.....	500	<b>\$42 12</b>
<b>No. 350-D.</b> DeLux Warner.....	350	<b>31 34</b>
<b>No. 400-S.</b> .....	400	<b>26 07</b>
<b>No. VB 40.</b> Chick Saver.....	200	<b>8 95</b>



## Buckeye Fountains

<b>No. 255.</b> 5-gal. (SW Float) .....	<b>\$3 40</b>
<b>No. 456.</b> 5-gal. (DW).....	<b>3 36</b>
<b>No. 269.</b> 10-gal. (SW Float) .....	<b>4 86</b>



## Wood-Burning Brooders

Wood-Burning Brooders are reliable, economical, clean, safe, and easily cared for.

	Cap.	
<b>No. 24. Shenandoah B.</b> (Supply limited).....	500	<b>\$25 60</b>

## Showalter Wood-Burning Brooder

The Showalter Wood-Burning Brooder enjoys wide popularity over a wide area in Virginia, West Virginia, and several southern states.

It is a round stove, somewhat like an ordinary heater used in the home. If you prefer to use wood for fuel, we think you will like the Showalter Brooder. Capacity under average conditions, 500.

Price, uncrated.....	<b>\$24 75</b>
Price, crated for shipping.....	<b>25 50</b>



No. 6-P.

## Jar Fountains

Just the thing for baby chicks. Fits any Mason jar. (Jar not included.)

	Each	Doz.
<b>No. 6-P.</b> Glass Fountain.....	<b>\$0 15</b>	<b>\$1 65</b>

Note—Can be used for buttermilk and medicine.



## Heater

<b>No. 200</b> .....	<b>\$2 80</b>
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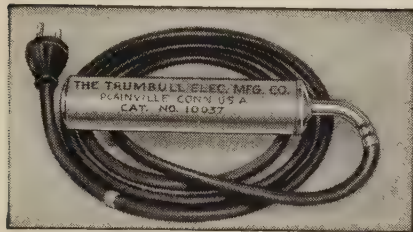
## Cyclone Fountains

### Double Wall

<b>No. 303.</b> 3-gal. Fountain.....	<b>\$2 95</b>
<b>No. 305.</b> 5-gal. Fountain.....	<b>3 37</b>

*Ren-O-Sal Tablets, product of Dr. Salsbury's Laboratories, when used in drinking water, prevent coccidiosis and other common poultry diseases. We strongly advise their use. See page 32.*



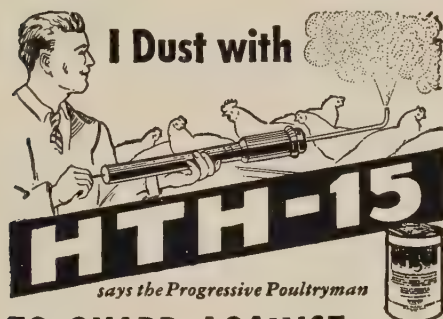
**WETSEL'S MODERN POULTRY SUPPLIES, continued****Automatic  
Electric Warmer**

This Electric Water Warmer automatically keeps poultry drinking water at 50 degrees F. in coldest weather.

Low operating cost.....\$3 50

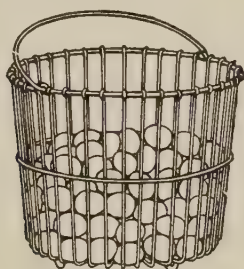
**FEEDERS**

Buckeye RL-336. 3 ft.....	
Buckeye RL-348. 4 ft.....	
Buckeye RL-548. Broiler.....	
Buckeye RL-560. 5 ft.....	\$2 45
Cyclone 248. 4 ft.....	

**TO GUARD AGAINST  
COLDS • ROUP • BRONCHITIS**

"I fight colds and respiratory diseases by dusting with HTH-15. A dry, white powder, containing just the right balance of chlorine, HTH-15 is easy to use. I just dust over the birds on roost with an inexpensive dust-gun—and get all benefits of the chlorine inhalant treatment without disadvantages of moisture."

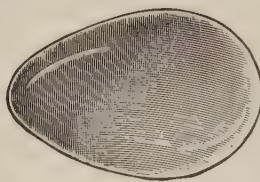
A little HTH-15 in drinking water helps prevent spread of disease. Disinfect poultry-houses and equipment by spraying regularly with HTH-15 Solution. Economical—no waste—effective. Write for literature. Extensively used for dairy farm sanitation in the dairy, on the animals, and in the barns. 1-lb. can 65 cts., postpaid 75 cts.; 3-lb. can \$1.35, postpaid \$1.55.



PATENT PENDING.

**Wire Egg Basket**

No. 114.....	Each \$0 90
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**Nest Eggs**

Lime.....	Doz. \$0 24
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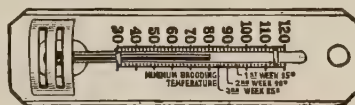
**Complete Line of  
Poultry Supplies**

We carry a complete assortment of poultry equipment and supplies at all times. It is probably the largest and most complete stock in the state, and includes scores of items not listed in this catalog.

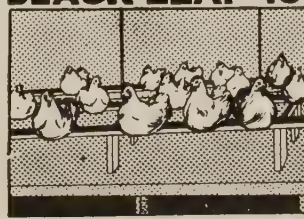
Some of the items not listed: a full line of Kasco Feeds, Dr. Hess & Clark Poultry remedies and tonics, complete assortment of Dr. Salsbury's medications; Merck's Iodine Suspension and a wide assortment of the now widely used Sulfa drugs, in both powder and liquid form; also Cod Liver Oil and other products used by poultry raisers.

**Thermostats**

	Each
T-3. 3 in. Stud Brooder Utility.....	\$0 25
T-4. 3 in. Buckeye Oil Brooder.....	25
T-5. 3 in. Buckeye Oil Brooder.....	25
T-6. 3 in. Simplex & Miller Wood....	27
T-7. 3 in. Several Makes.....	27
T-8. 3 in. Several Makes.....	27
T-347. 3 in. Fitall.....	27
T-40. 4 in. Showalter Wood.....	40
T-44. 4 in. Newton Incubator.....	40
T-46. 4 in. Blue Hen.....	40
T-49. 4 in. Shen. Wood Brooder.....	40
Newtown Wafer & Bar (Complete)...	1 50

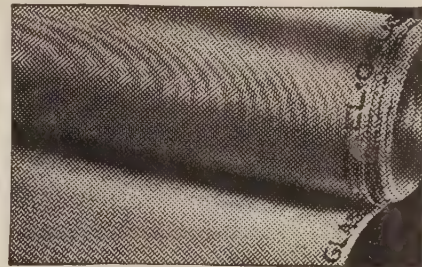
**Thermometers**

	Each
No. 81. Cyclone Brooder.....	\$0 35
No. 200. Ideal Brooder.....	35
No. 400. Electric Brooder.....	50

**BLACK LEAF 40**

WORKS WHILE THEY ROOST

	Each
Oz.....	\$0 36
5 ozs.....	1 05
Lb.....	2 42
2 lbs.....	4 15
5 lbs.....	7 40
10 lbs.....	12 65

**Cel-O-Glass**

CEL-O-GLASS, which has been widely used for 25 years, is now back on the market. 50-ft. rolls, 36 in. wide, per sq. yd.....\$1 10

**Celluloid Leg Bands**

No. 9. Leghorn.....	100
No. 11. Rocks, Reds.....	\$0 50
No. 12. Asiatic.....	60
	75

**We Sell B-K**

10-oz. bottle.....	\$0 50
Qt. bottle.....	90
Powder, small.....	85
Powder, large.....	1 70

**Egg Scales**

Premier.....	\$1 50
Acme.....	2 95
Unique.....	1 75



Withstands sun, wind, rain, snow. No glass cutting, no putty, just cut to size with shears and nail down with wood strips. May be purchased in any desired lengths. 50-ft. roll (36 in. wide) per sq. yd.....\$0 50

**Wyr-O-Glass**

(36 in. wide), per sq. yd.....\$0 80





# Poultry and Stock Medication, Etc.

## CYANOOGAS

REG. U. S. PAT. OFF.  
CALCIUM CYANIDE

All soil unless treated, is infested with numerous species of soil insects, such as wireworms, millipedes, symphylids, sow bugs, slugs, grubs of imported beetles and nematodes. Fumigate the soil with CYANOOGAS to kill these pests.



### CYANOOGAS A-DUST

(General Purpose)

1-lb. can.....	\$0 98
5-lb. can.....	3 75
25-lb. can.....	12 50

### CYANOOGAS G-FUMIGANT

(For inclosed space fumigation)

5-lb. can.....	\$3 75
25-lb. can.....	12 50



### CYANOOGAS ANT KILLER

does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. 4-oz. can 39 cts.



### Kow-Kare

The great cow tonic. Designed to promote appetite in cows that are OFF-FEED. Is nationally known. Easy to use. Just give two tablespoonfuls in feed twice daily. For cows that are convalescing increase to three tablespoonfuls.

2 sizes, 75 cts. and \$1.35.

### Bag Balm

75 cts.



Does three important jobs in one single operation: **paints white, kills germs, kills flies.** Specially formulated and tested for farm use.

Carbola has been sold since 1916. It now contains DDT. Destroys the germs of many diseases on contact.

Ideal for cow barns, poultry houses, hog pens, house cellars and other outhouses.

Ask for literature on this truly remarkable and easy-to-apply product. Costs one cent to treat 10 square feet. Lb. 30 cts.; 5 lbs. 85 cts.; 10 lbs. \$1.35; 25 lbs. \$3.00; 50 lbs. \$5.50.

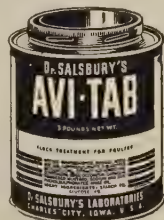
## Dr. Salsbury's Laboratories Products

### A "SPECIFIC" FOR EVERY POULTRY DISEASE

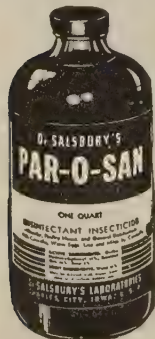


Rota-Caps are used the country over as an individual chicken wormer. This is the only product containing Rotamine, the drug discovery which removes large round worms and in addition intestinal Capillaria worms. Many treatments do not remove both species. Price, (adult) 50 for 75 cts.; 100 for \$1.35; 200 for \$2.50; 500 for \$5.00.

Use Avi-Tab in your mash feed. It is an effective appetizer, which many birds need. Try a ten-day treatment with Salsbury's Avi-Tab; watch the birds respond. (One-quarter pound to 100 lbs. mash.) 1/4 lb. 65 cts.; 1/2 lb. \$1.20; 1 lb. \$2.25; 3 lbs. \$6.00. Larger lots at lower rate.



Disinfect laying houses often. Germs may lurk in clean-looking houses. For cleaning and disinfecting poultry houses, Salsbury's Par-O-San is dependable and pleasant. Use according to simple directions; it won't harm birds or equipment. 1/2 pt. 60 cts.; pt. \$1.10; qt. \$2.00; gal. \$6.50.



Can-Pho-Sal is a spray or inhalant for poultry. Non-inflammable when used with water. Designed for colds and other mouth, nostril and eye irritations or congestion. Very effective when used in hot, moist mash. 2 ozs. 45 cts.; 1/4 pt. 70 cts.; 1/2 pt. \$1.20; pt. \$2.10; qt. \$3.75.



### Ren-O-Sal

Ren-O-Sal, developed some four or five years ago, has retained its popularity among both small and commercial poultrymen, as a prevention and cure of coccidiosis, despite the many Sulfa drugs which have been developed in the last few years. It is simple to use and very effective; just drop tablets in drinking water. It is much cheaper than most of the Sulfas. Also it serves as a tonic. 100 tablets \$1.10; 250 for \$2.35; 500 for \$4.20; 1000 for \$7.50. Special discount in larger lots.

Other Salsbury products include Vaccines for poultry and cattle, Hog Worm Oil, Vapo-Roost, Wormix, Ar-Sulfa, Sulquin and Germex.

### 50% DDT Powder

A wettable dust for spraying crops, dairy barns, horse stables and other buildings. Used at varying strengths.

Lb.....	\$0 50
3 lbs.....	1 15

## WALKO TABLETS

For the Drinking Water.

For Baby Chicks, Turkeys, Ducks or Geese. Also for Older Fowls

Be sure the tablets are thoroughly dissolved. Do not mix with food. Always dissolve in pure water and use only in clean vessels. 4 sizes—57 cts., \$1.20, \$2.50 and \$4.00.

## PTZ Products

### Phenothiazine

#### PTZ Pellets

Adult	
13.5 Gram.....	\$0 05
Lamb	
8 Gram.....	04
Forceps.....	50

#### PTZ Powder

4-oz. pkg.....	\$0 55
Lb. pkg.....	1 15
5-lb. pkg.....	5 10
10-lb. pkg.....	9 65
25-lb. pkg.....	17 75
150-lb. pkg.....	90 00

### PTZ Pasture Mix

50-lb. bag.....	\$5 50
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### DDT Compounds

You doubtless have heard and read much in the last year about the ineffectiveness of DDT. Perhaps you have even had some poor results yourself. Anyway, it is a controversial element at present—mainly because it seems—some flies and other insects have become at least partially immune to it.

But one thing is sure! DDT is still good for some uses—so far nothing has been found that is superior. These uses are too numerous and technical for discussion here. We have a good stock in various forms and strengths and will be glad to discuss their use with you.

### Lindane

This is the "trade name" (comparable to DDT) for the newest chemical—BENZENE HEXACHLORIDE—About which you may have heard and read, within the past year. It is said to be more effective for killing of many kinds of flies. Numerous branded sprays now contain Lindane. Like DDT, we have it in many forms—powder or liquid and in branded products. Will be glad to discuss its uses with you.

### Black Flag

3/4 oz.....	\$0 10
2 1/4 ozs.....	25
5 ozs.....	49

### Gulf Spray

(House Spray with 6% DDT)

Pt.....	\$0 39
Qt.....	65



# WEED KILLERS — HORMONES

A Proved 2, 4-D Weed Killer for Every Purpose

## WEEDAR.64

WEEDAR 64 is a liquid alkanolamine salt, the most effective type of 2,4-D in the salt group, containing 4 pounds of 2,4-D acid equivalent per gallon. It is non-volatile and is safer to use near susceptible crops. Being a liquid, it is more easily and more accurately measured than the inorganic salts. It is completely soluble in water and will not clog spray nozzles. It is recommended for the easier-to-kill weeds and for pre-emergence spraying. WEEDAR 64 and WEEDONE CONCENTRATE 48 are ideally suited for both low-volume and high-volume sprayers.

1-gal. can	Gal.	\$6 55
5-gal. can		6 30
54-gal. drum		5 95

Prices subject to change without notice.

## WEEDONE CONCENTRATE 48

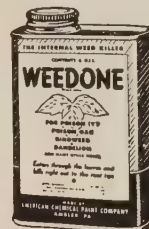
WEEDONE CONCENTRATE 48 is the ethyl ester weed killer containing 3 pounds 2,4-D acid equivalent per gallon. It is the most effective of the 2,4-D weed killers and is not affected by rain within a short time after application. It is recommended for the hard-to-kill weeds and for the control of wild garlic and wild onion in pastures. WEEDONE CONCENTRATE 48 and WEEDAR 64 do not leave any residue that is poisonous to humans or animals.

1-gal. can	Gal.	\$6 95
5-gal. can		6 65
54-gal. drum		6 30

Prices subject to change without notice

## WEEDONE

TRADE MARK



New Improved Weedone contains the powerful 2,4,5-T and 2,4-D, the two most effective systemic herbicides known. The proper combination of these chemicals plus penetrants and wetting agents makes Weedone the outstanding weed killer for home users. Kills poison ivy, poison oak, bindweed, honeysuckle, dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray.  
**8 ozs. (makes 5 gals. spray).....\$1 00**  
**Qt. (makes 25 gals. spray)..... 2 75**  
**Gal. (makes 100 gals. spray)..... 6 95**  
 Larger quantities on request.

## ROOTONE

Reg. U. S. Pat. Off.



The plant hormone powder for cuttings, seeds, tubers and bulbs.

ROOTONE is easy to use. It stimulates the natural tendency for roots to form on slips or cuttings. Rooting takes place in a much shorter

time, heavier root systems are formed and fewer cuttings die from disease.

ROOTONE dusted on gladiolus bulbs, dutch iris, etc., stimulates root growth and is particularly valuable on the smaller size bulbs in getting bloom the first year. It stimulates germination of gladiolus bulblets.

By dusting seed with ROOTONE, seedlings grow faster and more uniformly, producing stronger plants and better crops.

**1/4-oz. packet 25 cts.; 2-oz. jar \$1.00;**  
**1-lb. can \$5.00**

**FULL DIRECTIONS ON PACKAGE**

## TRANSPLANTONE

Reg. U. S. Pat. Off.



The hormone-vitamin powder for stimulating roots in transplanting. TRANSPLANTONE contains the best-known chemicals for making roots grow stronger. It helps grow new roots and reduces loss of water so the plant starts

growing again in a much shorter time.

**Use TRANSPLANTONE in the Garden**

TRANSPLANTONE is used for the transplanting of annuals, perennials and shrubs.

**USE ON VEGETABLE PLANTS**

When setting out tomatoes, lettuce, celery, peppers, cabbage, cauliflower, sweet potatoes or strawberry plants, the development of new roots can be increased tremendously by watering with TRANSPLANTONE solution.

**1/2-oz. packet 25 cts.; 3-oz. can \$1.00;**  
**1-lb. can \$4.00**

**FULL DIRECTIONS ON PACKAGE**

## FRUITONE

REG. U. S. PAT. OFF.



Use FRUITONE on tomatoes for earlier crop and more and bigger tomatoes. Spray blossoms once a week for the first four weeks after blooming starts.

If a strong concentration of FRUITONE is used for the

spray, most of the tomatoes will be seedless.

Spraying flowers of Lima, string or soy beans with FRUITONE gives a better set of pods, especially in bad weather.

FRUITONE prevents premature drop of apples and pears. Spray the fruit about ten days to two weeks before picking them.

**2/5-oz. packet 25 cts.; 2-oz. can \$1.00;**  
**12-oz. can \$5.00**

**FULL DIRECTIONS ON PACKAGE**

## Ammate Weed Killer

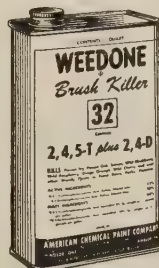
**SPRAY ONCE—KILLS  
POISON IVY**

Safe, easy, quick—du Pont Ammate kills *permanently*. No permanent sterilization effect on soil when used in recommended dosages. However, it can be used in higher concentrations for permanent kill of weeds in driveways, walks, etc. Offers advantages possessed by no other weed killer. Non-flammable, non-explosive; residue on sprayed foliage is not harmful to humans, pets, or livestock. Effective in the kill of many other troublesome weeds. 2 lbs. 85 cts.; 6 lbs. \$2.25.



## Weedone. Easy weed-away Sprayer

49 cts.



**WEEDONE BRUSH KILLER 32.** A combination of the powerful 2,4,5-T and 2,4-D. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. 1-qt. can \$4.00; 1-gal. can \$8.75. 5 gal. @ \$8.35; 54-gal. drum @ \$7.60.

## CARBOLINEUM

An outstanding preparation for preserving wood against dry rot and decay and for general disinfecting.

Only one application each year is required to control chicken mites and fowl ticks in poultry houses. Special care should, of course, be taken to saturate all cracks, crevices and joints.

For brooder houses, thoroughly clean and dry all surfaces, then apply Carbolineum with light brush or spray. Not dangerous or easily inflammable; not poisonous unless taken internally. Ask for literature. Gal. \$1.85; 5 gals. \$8.75; 30-gal. drum, \$1.35 per gal.





# Wetsel's Spraying Materials

## Tri-Ogen Spray



### Insect Spray and Fungicide

TRI-GEN spray is a proved product. Leading rosarians, both amateur and professional, in all parts of the country use and recommend TRI-GEN. Protects roses and other plants from insects and disease.

"E" Kit of Tri-Ogen Spray	\$1 35
"A" Kit of Tri-Ogen Spray	2 25
"B" Kit of Tri-Ogen Spray	6 00
"C" Kit of Tri-Ogen Spray	9 00
"D" Kit of Tri-Ogen Spray	30 00

## Tri-Ogen Dust

### General Purpose Three-Way Insecticide-Fungicide Dust

Many horticulturists prefer to dust rather than spray. TRI-GEN DUST was perfected to meet the need of a scientifically balanced, safe, effective three-purpose insecticide-fungicide dusting material. TRI-GEN DUST contains the proper toxic ingredients to kill aphids and similar sucking insects. Stomach poisons that will not burn foliage are incorporated to control chewing insects.



1-lb. Unit Tri-Ogen Dust	\$0 85
5-lb. Unit Tri-Ogen Dust	3 50

## Corn Ear Worm Drops

During the past few years the corn ear worm has been an important pest of sweet corn in practically all parts of the country. The moth of the worm lays eggs on the fresh silk of the ears of corn. After hatching, the young worms pass down through the silk to develop and cause injury to the corn by feeding upon the developing kernels. Control has been difficult. However, after several years of diligent research and testing, OGEN'S CORN EAR WORM DROPS is now offered as a control for this destructive insect.



2-oz. bottle with applicator	\$0 35
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## Mexogen

### Kills and Repels Mexican Bean Beetles



MEXOGEN is a highly concentrated contact spray and repellent, scientifically prepared to destroy and repel this destructive enemy of the truck gardener, which is spreading so rapidly throughout the country. MEXOGEN destroys the larvae and eggs, as well as the adult beetle, and is an efficient repellent.

½ pt.	\$1 00
Qt.	3 50
Gal.	10 00

## Killogen

### Concentrated Insect Spray

A fine garden insecticide containing Rotenone, for use on both vegetable and flowering plants. It will work wonders in the protection of plants against many insects, and it is pleasant to use.

KILLOGEN is highly concentrated, stands a high rate of dilution, and is easily mixed with water. Will not harm the most delicate of foliage. It is an equally effective spray for garden, greenhouses, window-boxes, and house-plants.



1-oz. bottle	\$0 35	Pt.	\$2 60
4-oz. bottle	1 00	Qt.	4 50

## Mologen

### Gets Rid of Moles the Easy Way

MOLOGEN eliminates moles in two or three days. It is easy to use and there is no messy disposal job. It is non-poisonous to birds and pets. Emits no gas and is odorless.

To use MOLOGEN, make small holes in the ridges made by the moles and insert about one teaspoonful in the hole. The moles in the underground passages are killed by this scientific mole eliminator.



½ lb.	\$0 50
1½ lbs.	1 25

# Kryocide

REG. U. S. PAT. OFF.

## NATURAL CRYOLITE

Vegetable gardeners will appreciate the new Kryocide (natural Cryolite) and Kryocide D-50 (ready-mixed dust with sulphur). Finely micronized for thorough application.

KRYOCIDE (Straight) is the unmixed, finely pulverized NATURAL CRYOLITE to be used in a water spray, in mixed dust, or as bait in vegetable gardens and on certain shrubs. Highly effective in controlling many chewing insects. Easy to apply. Safe. Proved by years of use by big commercial growers. 35 cts.

KRYOCIDE D-50 (with sulphur) is Kryocide in ready-mixed dust to be used directly on plants, as both insecticide and fungicide. Its base is NATURAL CRYOLITE, the insecticide recommended by authorities and widely used to control chewing insects. Ready and easy to apply in vegetable gardens. Packed in 1-lb. cans, 50 cts. Also 3-lb. bags, 85 cts.

KRYOCIDE C (COPPERUS) is Kryocide ready mixed for use as either a spray or a dust. 3-lb. can 90 cts.



**RED ARROW**  
GARDEN SPRAY  
HIGHLY CONCENTRATED

**Red Arrow.** For chewing and sucking insects. Recommended for Mexican bean beetle, cucumber beetle, cabbage and tomato worms, etc. Oz. 35 cts.; 4 ozs. \$1.00.

## Blue Dragon

A rotenone dust superior, which is highly effective in controlling most insect pests. Can be used either as liquid spray or by dusting on the plant. Non-poisonous—harmless to humans and domestic animals. Will not burn tender foliage. Lb. 25 cts.; 4 lbs. 85 cts.; 25 lbs. \$3.90.

## Copper Dragon Dust

### (For Bugs and Blight)

The makers of the popular Blue Dragon recently developed this product for control of both bugs and blight. Recommended for certain insects and fungous diseases. Particularly good for potatoes and tomatoes. Lb. 30 cts.; 4 lbs. 95 cts.; 25 lbs. \$4.60.

**Paris Green.** Used as a spray, controls potato bugs and similar insects. ¼ lb. 20 cts.; lb. 55 cts.

### Crow Repellent.

Keeps crows, larks, starlings, blackbirds, pheasants and other corn-pulling birds from molesting corn while it is germinating, sprouting, and rooting. Saves seeds, loss, and labor of replanting. Will not clog any planter.



½ pt. (1-bus. size)	\$0 30
1 pt. (2-bus. size)	50
1 qt. (4-bus. size)	75

**Bordeaux Mixture.** The recognized preventative for most fungous diseases. Lb. 45 cts.; 4 lbs. \$1.20.

**Bluestone** (Copper Sulphate or Blue Vitriol). A fungicide used for blight, fungus, and bitter rot on fruit. Lb. 15 cts.; 10 lbs. \$1.30.

**20-20-60 Dust.** An insecticide and fungicide spray or dust for control of all chewing insects, including Mexican bean beetle. 50-lb. bag \$6.50.

**Lime and Sulphur (Dry).** The only true dry Lime and Sulphur in powdered form made from liquid Lime and Sulphur. Add the water and you have the liquid. Lb. 45 cts.; 5 lbs. \$1.65; 12½ lbs. \$2.20.

**Lime.** A high-grade Lime for spraying purposes. 10 lbs. 20 cts.; 50 lbs. 50 cts. **At Store.**

**Sulphur, Mulsoid.** High-grade wettable Sulphur, 98 per cent pure. An excellent spray for the control of scab and brown rot and does not russet or burn. 5 lbs. 60 cts.

**Sulphur.** Fine powdered dusting Sulphur for mildew and fungous diseases on flowers. Lb. 10 cts.; 5 lbs. 45 cts.; 25 lbs. \$1.75; 100 lbs. \$4.75.

**Sunoco Spray Oil.** For control of scale and insects on trees, shrubs, and coniferous evergreens. Pt. 15 cts.; qt. 25 cts.; ½ gal. 50 cts.; gal. 85 cts.; 5 gals. 75 cts. per gal.

**Tobacco Dust.** Finely ground for dusting. 2 lbs. 25 cts.; 10 lbs. 85 cts.

## Volck Oil Spray

Used as both dormant and summer spray for trees and shrubs, against scale insects, red spiders, mites, mealybugs, whitefly larvae, aphids, thrips, lacebugs, chrysanthemum midge, at the rate of 1 to 50. Detailed directions on each package. 4 ozs. 35 cts.; 16 ozs. 70 cts.; gal. \$2.85.





### Terra-Lite Brand Vermicu- lite



A growing medium for starting seeds in flats and benches and for rooting cuttings.

Seeds germinate faster, root cuttings develop quicker and are stronger when grown in Terra-Lite. Terra-Lite is chemically inert and does not contain any bacteria or fungus. Seeds planted in Terra-Lite are not susceptible to pre-emergence damping-off.

4-qt. bag 40 cts., postage extra 15 cts.;  
1/2-bus. bag 85 cts., postage extra 20 cts.;  
2-bus. bag \$1.90; 10 2-bus. bags \$16.50.



### Twist-Ems

The New Handy  
Plant-Tie

Dark green strong tapes with wire reinforcing that make perfect plant-ties. For plants, vines and shrubs and arranging flowers.

8-in. bundle (125).....\$0 30  
16-in. bundle (125)..... 60

Write for special quantity prices

### Train-Etts

Ideal support for sweet peas, garden peas, pole beans, cucumbers, tomatoes, etc. Revolutionary new trellis netting protects delicate plant tendrils, grows finer, larger flowers and vegetables. Can be hung in five minutes.

No. 3. 60 x 180 in.....\$1 25

### Tom Thumb Flats



A



No. 2. 2-in.  
Bands 65  
cts. per 100.

No. 2. 2 1/2-in.  
Bands, 70  
cts. per 100.

No. 2 Flats,  
15 cts. each.

### Flower Pots

#### Standard Flower Pots

	Each	Doz.
3-in.....	\$0 08	\$0 75
4-in.....	10	90
5-in.....	13	1 55
6-in.....	19	2 00
7-in.....	26	3 00
8-in.....	37	4 40
9-in.....	Ask	
10-in.....	Ask	
12-in.....	Ask	

### Saucers

	Each	Doz.
3-in.....	Ask	
4-in.....	Ask	
5-in.....	\$0 07	\$0 75
6-in.....	10	1 00

### Vita-Bands



PICK UP LIKE THIS



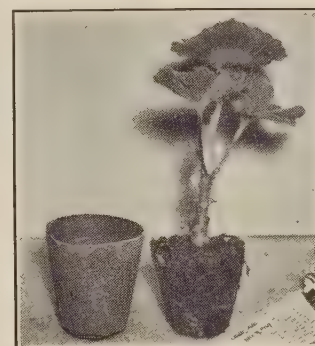
SQUEEZE AND PRESS  
CORNERS



SET IN PLACE

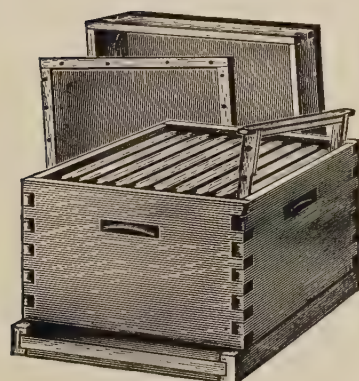
The vigorous, well-balanced growth obtained with Vita-Band Plant Bands plus elimination of transplanting shock will help you bring your plants in for the earlier, higher-priced markets. The nutrient treatment and other unique qualities make the difference. 3 x 3 in., 30 cts. for 25; 85 cts. per 100; \$7.35 per 1000.

### Paper Pots



	10	100	1000
2 1/2-in.....	\$0 15	\$1 00	\$7 90
3-in.....	15	1 10	8 30
4-in.....	20	1 50	12 50
5-in.....	30	1 95	15 25
6-in.....	40	2 25	19 25

## We Carry a Complete Line of Lewis Bee Supplies



A STANDARD LEWIS HIVE

Sections. 4 1/4 x 4 1/4 x 1 1/8-in. solid. 100, \$3.00.  
Same as above 3-split. 100, \$3.16.

H-350. Crim-Wired Foundation. 8 1/2 x 16 3/4 in. Hoffman. Frames, 10 sheets \$1.60.

Veil. Excelsior wire. 95 cts.

Smoker. Engine. \$1.95.

Smoker. Doctor. \$1.65.

Each standard Hive includes: 1 Metal Cover, 1 Inner Cover, Frames, 1 Hive Body, 1 Standard Bottom Board, 2 V-Shaped Frame Rests, 1 Entrance Reducer and Nails.

H-20122. 1 10-Frame Standard Lewis Beehive. Wt. 30 lbs. \$7.10.

H-20126. 5 10-Frame. Same as above. Wt. 148 lbs. \$33.85.

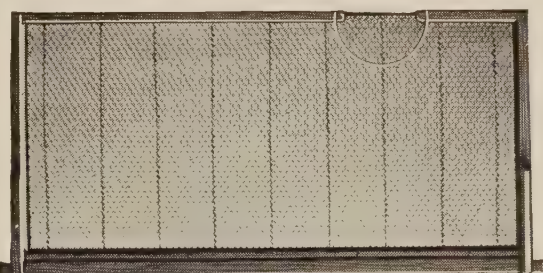
Prices of other sizes and styles upon request.

H-335. 10-Frame Brood Frames. 10 for \$1.55.

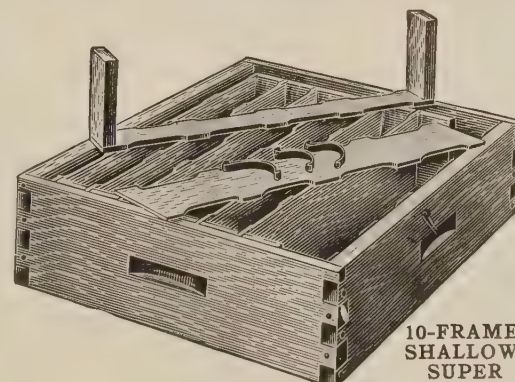
H-336. Shallow Extracting Frames. 5 3/8 in. deep. 10 for \$1.45.

H-2026. Metal Cover and Inner Cover. \$2.90.

H-2032. Bottom Board. \$1.50.



WIRED FOUNDATION



10-FRAME  
SHALLOW  
SUPER

Lack of space prevents a comprehensive list of items and prices. The above are mere samples. We can supply everything you need for bees. Write or ask for big new Lewis Catalogue.

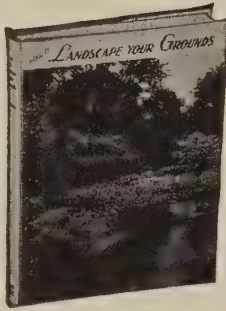




## How to Landscape Your Grounds

By  
**Loyal R. Johnson**  
232 pages \$3.50  
147 illus.

For the thousands of home owners in the medium-income bracket who are anxious to beautify their home surroundings to best advantage at small expense. Planting plans cover practically every section of the country. A complete guide to the planning, construction and planting of the garden and grounds.



## National Eezy Wear Garden Gloves

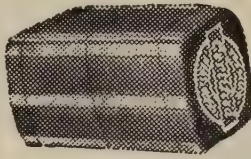
All-leather, extra soft, durable, washable. Made from selected lamb skins. So soft and pliable that they provide almost bare-hand freedom. Available in many sizes: Ladies' Small, Medium and Large; Men's Small, Medium and Large. All sizes, \$1.15 per pair.

## Pestex

This amazing, NON-POISONOUS preparation, if thoroughly dusted on, around and underneath flowers, vegetables, and other vegetation, keeps off dogs, rabbits, and almost all kinds of insects and other pests. It should be redusted if rains wash it off.

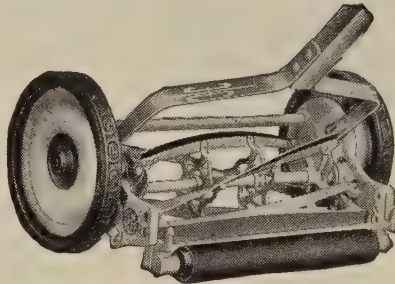
For moles, dig trench 1 inch deep around portion of lot needing protection, fill with Pestex and cover with earth. Moles usually remain away without further treatment. Lb. 36 cts.

## Peat Moss, Horticultural



This granulated type is ideal for mulching rhododendrons and azaleas. Helps retain moisture in the soil; keeps the garden from drying out. One large bale will cover approximately 300 sq. ft. 1 inch deep. 3-bus. bags \$2.00; full ball \$4.50.

## Jacobsen Hand Mower



For general performance, ease of operation and durability, Jacobsen Hand Mowers have been tops in this area for a long time. They are not cheap but are worth the price. 16-in. cut, \$27.50; 18-in. cut, \$29.50.

## Water Ballast Roller



To increase the weight, add water. To decrease the weight, draw out water.

Weight  
Size filled lbs.  
14 x 24 175... \$16 50  
18 x 24 265... 19 50  
24 x 24 420... 23 50

## Liquid Fertilizer (Liqua-Vita)

A complete liquid plant food for all plants in any type of soil. Your health depends largely on what you eat. The health of your flowers and vegetables depends largely on the food they receive. It is an established fact that plant roots take their food only in liquid form. Dry fertilizers are utilized only through the effects of rain or manual application of water. Liqua-Vita is ready for immediate use, as soon as applied. One gallon makes 256 gallons of complete plant food, equivalent to 100 pounds of the best commercial fertilizer. It is used extensively by commercial greenhouses. 8-oz. bottle 45 cts.; qt. \$1.25; gal. \$4.00.

## JACOBSEN QUEEN MOWER

Popular 20-inch cut \$127.50. Also Bantam—18-inch cut \$99.50. Ask for prices and demonstrations on larger power units.



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**WETSEL SEED COMPANY, Inc.**  
HARRISONBURG, VIRGINIA

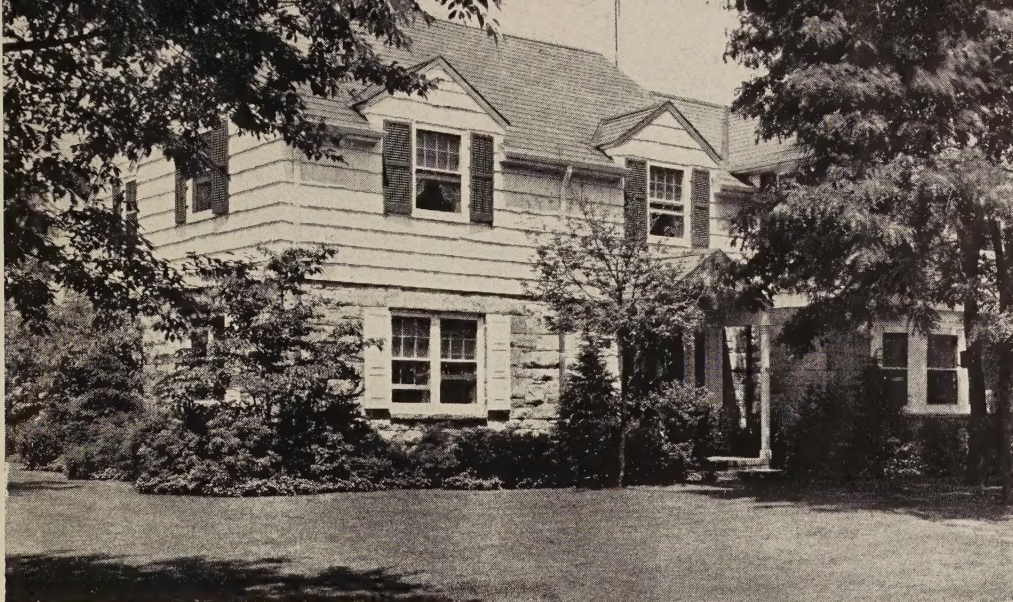
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## WETSEL'S Famous Lawn Grasses

"THE BEST FOR VIRGINIA"

### GREEN ISLAND

There is no one variety of grass suitable for making a lawn. Best results are obtained by combining several different kinds, so that if growing conditions are not ideal for one, there will be another variety that will thrive in its place. From our long experience in testing different varieties and combinations of grass seeds, we have made up this Green Island mixture, containing the finest grasses for Virginia growing conditions. Lb. 94 cts.; 5 lbs. \$4.65; 10 lbs. \$9.20; 25 lbs. \$22.50.

### How to Make a Lawn

Lawn grass may be sown either in March or April, or in September or October. One pound of seed will plant 300 to 400 square feet. Dig the ground to a depth of 6 inches, making it fine and smooth. Work fertilizer (Vigoro is recommended) into the soil at the rate of 4 pounds to 100 square feet, and rake it until smooth. Broadcast the seed thickly, half one way and half the other; cover it lightly and roll the soil to provide a firm seed-bed. Cut the grass when it is 2 inches high, and continue to mow it regularly. Water it generously twice a week if possible, but never merely *sprinkle* it with the hose, for this practice brings the grass roots to the surface of the ground where they are easily burned out by the hot summer sun. Remove all weeds if they appear and sow more grass seed in their place. For lasting results give the lawn a good application of fertilizer in the fall and spring.

If ordering grass seed by mail, add 15 cents for the first pound and 2 cents extra for each additional pound.

### Wetzel's Shady Lawn Grass

Few grasses thrive in shade. Our special mixture is composed of dwarf grasses especially adapted to shady places under trees and around the house. Under trees apply a double quantity of fertilizer and water more frequently. Lb. 89 cts.; 5 lbs. \$4.40; 10 lbs. \$8.60; 25 lbs. \$21.00.

### Wetzel's Park Lawn Grass

A popular low-priced mixture especially recommended for late sowing, as it contains a mother crop which will help it through the summer. Lb. 64 cts.; 5 lbs. \$3.15; 10 lbs. \$6.20; 25 lbs. \$15.00.

### Kentucky Blue Grass

Basis of most lawn grass. Lb. 75 cts.; 5 lbs. \$3.70; 14-lb. bu. \$10.25.

### Chewing's Fescue

Dark green leaves; forms dense turf. Permanent in most places and good in shade. Lb. 56 cts.; 5 lbs. \$2.75.

### White Dutch Clover For Lawns and Pastures

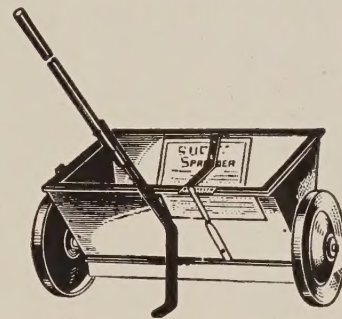
Makes a small, close, compact growth, covering the ground like a carpet. Sow either in the spring or fall. When sown by itself, sow 5 to 6 pounds per acre; it is better, however, sown in mixture with other grasses. Lb. \$1.10; 5 lbs. \$5.40.

## GARDEN and LAWN Fertilizers

**Bone Meal.** A safe, effective fertilizer for all purposes. Especially good for roses, lawns, and flowering shrubs. Raw Meal: Lb. 8 cts.; 5 lbs. 35 cts.; 10 lbs. 65 cts.; 25 lbs. \$1.40; 100 lbs. \$5.00. Steamed: Lb. 8 cts.; 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.35; 100 lbs. \$4.50.

**Nitrate of Soda.** Used when quick action is desired. Enhances foliage of all plants. Lb. 7 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 50 lbs. \$2.00; 100-lb. bag \$3.10.

**Sheep Manure.** One of the most widely used and safest animal manures in the growing of flowers and vegetables. 25 lbs. \$1.00; 50 lbs. \$1.75; 100-lb. bag \$3.00.



### Salem Spreaders

16-inch width.....	\$7 50
20-inch width.....	11 50
30-inch width.....	17 50
36-inch width.....	32 50

### Garden Fertilizers

**Brimm.** (Top Grade for Potato and Special Truck Crops.) Analysis 5-10-5. Especially prepared by Swift & Co. Has become very popular in recent years. 100-lb. bag \$2.65; 5 bags, \$2.60 per bag.

**Garden (5-10-5).** Also designed for gardens by various companies, from whom we acquire it. Not as highly regarded as Brimm. 50-lb. bag \$1.40; 100-lb. bag \$2.40.

### Granulated Peat Moss

A splendid mulching material for roses, shrubs, and other plants. 3-bu. bag \$2.00; large bale \$4.50.

## COMPO COMPOST DEVELOPER

Makes rich organic manure  
Decomposes waste plant materials  
Returns to the soil much that is taken from it.

Helps maintain soil fertility  
Increases garden productiveness

### Inexpensive — Costs Very Little

A 25-lb. carton of COMPO will make up to 1250 lbs. of rich organic manure or fertilizer. COMPO Manure has no disagreeable odor, does not attract flies, keeps indefinitely, and is harmless to domestic pets and animals

7½-lb. size (makes 375 lbs. of organic manure).....	\$1 00
25-lb. size (makes 1250 lbs. of organic manure).....	2 00
100-lb. size (makes 2½ tons of organic manure).....	7 50

## Add "VIGORO BEAUTY" to Your LAWN, FLOWERS and SHRUBS

Enthusiastic gardeners everywhere attribute much of their success to the use of Vigoro.

Vigoro, made by Swift & Company, supplies all growing things with the vital nourishment they require to attain finest growth and beauty.

You'll prefer using Vigoro because it's clean, odorless, sanitary, and easy to use, as well as economical. Four pounds per 100 square feet.

ASK FOR PRICES

# VIGORO

COMPLETE PLANT FOOD





Two All-America GOLD MEDAL Winners for 1950



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Patent No. 789.

Triple Gold Medal Winner for 1950.  
\$2.25 each; 3 for \$5.75; 6 for \$10.75



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All-America Sweepstakes Winner. Brilliant color—the reddest Petunia you've ever seen! Dwarf, free blooming. Overwhelming choice of 20 judges.  
Pkt. 25c.



WETSEL'S FAMOUS "GREEN ISLAND" LAWN GRASS.  
No matter what you pay, it is impossible to make a better lawn grass. See Lawn Grass page for prices.



LADINO. The miracle Clover for pasture.  
See Clover pages for description and prices.

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